CODE REQUIREMENTS

All project and work shall comply with: 2016 CBC, 2016 CRC, 2016 CEC, 2016 CMC, 2016 CPC, 2016 CGBSC (California Green Building Standards Code), 2010 CA Energy Code, California State Codes, and Santa Barbara County Building Ordinance #4871 and Santa Barbara County Grading Ordinance #4766.

Comply with California Green Building Standard Codes which include, but are not limited to, the following: Adhesives, sealants, and caulks used on the project shall meet the limits shown in CGBSC Tables 4.504.1 or 4.504.2.

Architectural coatings used on the project shall meet the limits shown in CGBSC tables 4.504.3

All floorings installed in the building interior shall meet the requirements listed in California Green Building Standards Code Sections 4.504.3, 4.504.4, and

At the time of final inspection, a manual, compact disc or web based reference shall be placed in the building. This manual shall include all of the items listed on California Green Building Standards Code Section 4.410.1.

INSPECTIONS AND OBSERVATIONS

Special inspections and structural observation are required for this project. Work shall be inspected as required by applicable consultants, specified below and in consultant's drawings.

Soils Engineer Requirements: See Geotechnical Engineer Report No. SB01081-1 on July 9, 2019 for

special inspection and observation requirements. Structural Engineer Requirements:

FIRE This project is **NOT** located in a Local Responsibility Area designated Very High Fire Hazard Severity Zone (VHFHSZ).

See structural drawings for special inspection and observation requirements.

ABBREVIATIONS A.D area drain INSUL. insulation ADJ. adjustable INT. interior BLDG. building BLKG. blocking JST. joist JT. joint CLR. clear COL. column CONC. concrete LAV. lavatory MAX. maximum MTL. metal DBL. double DTL. detail DIA. diameter DIM. dimension MIN. minimum MIR. mirror MISC. miscellaneous DN. down DS. downspout N. north N.I.C. not in contract N.T.S. not to scale DWG. drawing PL. plate PLYWD. plywood E.J. expansion joint F exhaust fan ´ EL. elevation (grade) ELEV. elevation (building) RAD. radius EQPT. equipment R.D. roof drain REF. reference REFR. refrigerator FDN. foundation F.E. fire extinguisher SHTG. sheathing FIN. finish SIM. similar SPEC. specification FL. floor F.O.C. face of concrete

F.O.M. face of masonry F.O.S. face of stud FTG. footing GL. glass GYP. gypsum H.B. hose bibb

SQ. square STRUC. structural F.O.F. face of finish SUSP. suspended TR. tread TEMP. tempered T. & G. tongue & groove THK. thick TOIL. toilet T.O. top of T.O.P. top of plywood T.O.S. top of slab HORIZ. horizontal HGT. height T.V. televison TYP. typical

UNO unless noted otherwise

W.C. water closet

Sheet Number



xx xx xx Material and Keynote Reference

AGENCIES

BUILDING & SAFETY:

PLANNING & DEVELOPMENT: City of Santa Barbara

630 Garden St. Santa Barbara, CA 93101 (805) 564-5578

City of Santa Barbara 630 Garden St. Santa Barbara, CA 93101 (805) 564-5578

(805) 897-2658

(805) 564-5377

FLOOD CONTROL: **Creeks Division** 620 Laguna Street, Santa Barbara, CA 93101

FIRE DEPARTMENT: City of Santa Barbara Fire Department

925 Chapala Street Santa Barbara, CA 93101 (805) 965-5254

PUBLIC WORKS: City of Santa Barbara 630 Garden St. Santa Barbara, CA 93101

UTILITIES

WATER: City of Santa Barbara Water 630 Garden St. Santa Barbara, CA 93101

(805) 564-5460 **ELECTRIC POWER:** Southern California Edison

(805) 681-3841

103 Dovid Love Place Goleta CA 93117 805-683-5212

NATURAL GAS: The Gas Company 630 East Monetcito Street Santa Barbara, CA 93103 (805) 681-8061

TELEPHONE: Verizon PO Box 339 Santa Barbara, CA 93102

(805) 966-0393 CATV: Cox Communications 22 South Fairview Ave. Goleta, CA 93117

PROJECT TEAM

Tim & Susan Gorham 5285 Baseline Ave Santa Ynez, CA 93460 Email: ttgorham@aol.com

ARCHITECT:

ENGINEER:

CONSULTANT:

KAS Architect Contact: Kas Seefeld 924 Anacapa Streeet Santa Barbara, CA 93101 Phone: (805) 708-2170 Email: kas@kasseefeld.com

GENERAL Urquidez Building Corporation **CONTRACTOR:** Contact: Chris Urquidez 2880 Grand Ave., Second Floor P.O. box 956 Los Olivos, CA 93441

Email: chrisu@ubc.build

Contact: Paul Belmont

STRUCTURAL Ashley & Vance Engineering, Inc

ENERGY Carstairs Energy

2238 Bayview Heights Drive, Suite E Los Osos, Ca. 93402 (805) 904-9048

Email: paul@ashlevvance.com

210 E. Cota St. Santa Barbara, CA 93101

GEO Solutions ENGINEER: Contact: Bradlev Bucher 201 S. Milpas Street, Suite 103

Santa Barbara, CA 93103 LANDSCAPE Barefoot Design

View from street

NOT TO SCALE

View from backyard

NOT TO SCALE

Contact: Jessica Harlin ARCHITECT: 1187 Coast Village Rd. #287, Santa Barbara, ČA 93108 Email: jessica@barefoot-design.net

PROJECT DATA

ADDRESS: 1211 Del Mar Ave. Santa Barbara, CA 93109 A.P.N.: 045-213-003 PARCEL SIZE: 0.15 Acre, or 6,534 Sq. Ft. LAND USE: Single Family Residential

ZONING: E3/SD-3 (SBMC Title 28) Front = 20'-0" Interior/Rear = 6'-0" SETBACKS:

30'-0"

OCCUPANCY CLASSIFICATION R-3/U TYPE OF CONSTRUCTION Type-V SWMP Tier 2

DEVELOPMENT

Project Description:

MAX BLDG HEIGHT:

Remodel existing 1,433 sq. ft. one story, single-family residence with existing 263 sq. ft. garage & add 651 sq. ft. to create a 2,084 sq. ft. two story residence with a 379 sq. ft. garage and a 157 sq. ft. covered patio off second floor. The scope of work includes new doors and windows, new roof, and new exterior walt torished. Site work includes new patio in rear yard, new landscaping in the front yard and a new driveway and curb cut; existing driveway and curb cut to be removed.

Grading:

N/A

Structures to be Demolished

N/A

Development: Gross: **Existing Residence:** Existing Residence: 1,507 sf 1,433 sf Existing Garage: 263 sf 285 sf Existing Total: 1,696 sf 1,792 sf

Prop

| | Proposed Total: | 2,463 sf | 2,625 sf |
|-------------------|-----------------|----------|----------|
| Proposed Garage: | | 379 sf | 408 sf |
| | Sub-Total: | 2,084 sf | 2,217 sf |
| | (2nd Floor): | 514sf | 565 st |
| | (1st Floor): | 1,570 sf | 1,652 st |
| oposed Residence: | | | |

Covered: Existing 1, Proposed 2 Required: 2

Storm Water Management Calcs:

| Tier 2 | | | | | | | | |
|------------------------------------|----------------------------------|----------------------------------|--|--|--|--|--|--|
| Pervious: | Proposed | Existing | | | | | | |
| Hardscape: Residence: Total: | 1,255 SF 2,060 SF 3,315 SF | 1,019 SF 1,792 SF 2,811 SF | | | | | | |
| Impervious (gravel) 863 SF 0 SF | | | | | | | | |

Per Table 5-1 Matrix Table for Comparison of Basic BMP Options We are using 5.3 disconnected downspouts and 5.5 Rain Barrels. See Landscape Plans L2.00 for Details

ENTER Project Address: 1211 Del Mar Ave Is there a basement or cellar existing or proposed? **ENTER Proposed TOTAL Net FAR Floor Area (in sq. ft.):** 2,463 E-3 ENTER Zone ONLY from drop-down list: ENTER Net Lot Area (in sq. ft.): 6,534 Is the height of existing or proposed buildings 17 feet Are existing or proposed buildings two stories or greater? **REQUIRED**** The FAR Requirements are: **ENTER Average Slope of Lot:** Does the height of existing or proposed buildings exceed 25 feet? Is the site in the Hillside Design District? Does the project include 500 or more cu. yds. of grading outside the main building footprint? An FAR MOD is not required per SBMC §28.15

SHEET INDEX

ARCHITECTURAL DRAWINGS

SITE PHOTOS

SITE PLANS

DETAILS

STRUCTURAL DRAWINGS

LANDSCAPE DRAWINGS

ELECTRICAL DRAWINGS

DETAILS CONT.

FOUNDATION PLAN

FLOOR FRAMING PLAN

ROOF FRAMING PLAN

LANDSCAPE PLAN

PLANTING PLAN

PLANTING DETAILS

ELECTRICAL PLANS

IRRIGATION DETAILS

IRRIGATION DETAILS CONT.

TITLE SHEET / GENERAL INFO / SITE PLAN

EXISTING PLAN & PROPOSED FIRST FLOOR

PROPOSED SECOND FLOOR & ROOF PLAN

EXISTING & PROPOSED BUILDING ELEVATIONS

EXISTING & PROPOSED BUILDING ELEVATIONS (CONT.)

BUILDING SECTIONS (CONT.) DOOR AND WINDOW SCHEDULE

STREETSCAPE & FAR EXHIBIT

MODIFICATION RESOLUTION

REFLECTED CEILING PLAN

DOOR & WINDOW SCHEDULE

BUILDING SECTIONS

GENERAL INDEX

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G1.1

G1.2

G1.3

Α1

A1.1

A2.1

А3

A3.1

A4.1

A5.1

Α8

A8.1

S2.1

S2.2

S2.3

L1.00

L1.01

L1.02

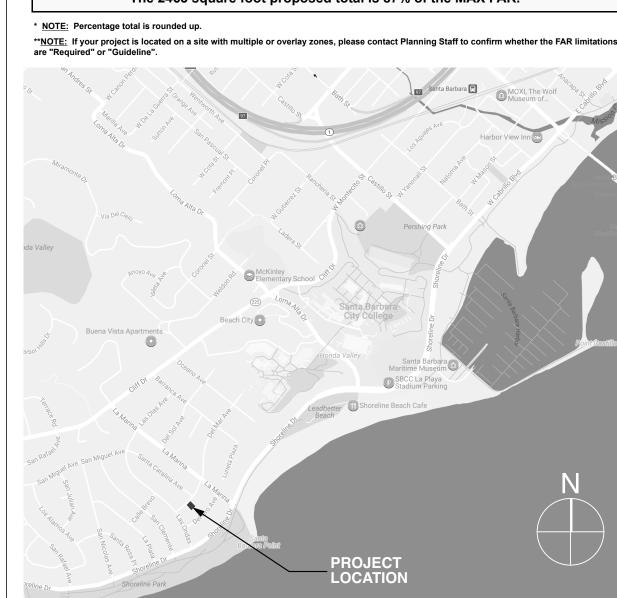
L2.00

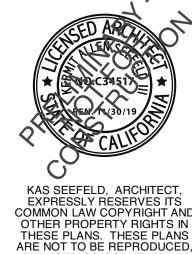
L2.01

E1

Α4

| FLOOR AREA RATIO (FAR): | 0.377 |
|-------------------------------------|-------------------------------------|
| Lot Size Range: | 4,000 - 9,999 sq.ft. |
| MAX FAR Calculation (in sq. ft.): | 1,200 + (0.25 x lot size in sq.ft.) |
| 100% MAX FAR: | 0.434 |
| 100% MAX FAR (in sq. ft.): | 2,834 |
| 85% of MAX FAR (in sq. ft.): | 2,408 |
| 80% of MAX FAR (in sq. ft.): | 2,267 |
| The 2463 square foot proposed total | is 87% of the MAX FAR.* |
| | |





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OF:

Vicinity Map NOT TO SCALE

SYMBOL LEGEND

Detail Number

Sheet Number

Building or Wall Section Reference ─Detail Number

Interior Elevation Reference Detail Number Sheet Number -Directional Referenvce

Window Reference See sheet A-4 for schedule

Door Reference - See sheet A-4 for schedule

Finish Elevation Reference

Detail Reference Detail Number

Exterior Elevation Reference

Sheet Number



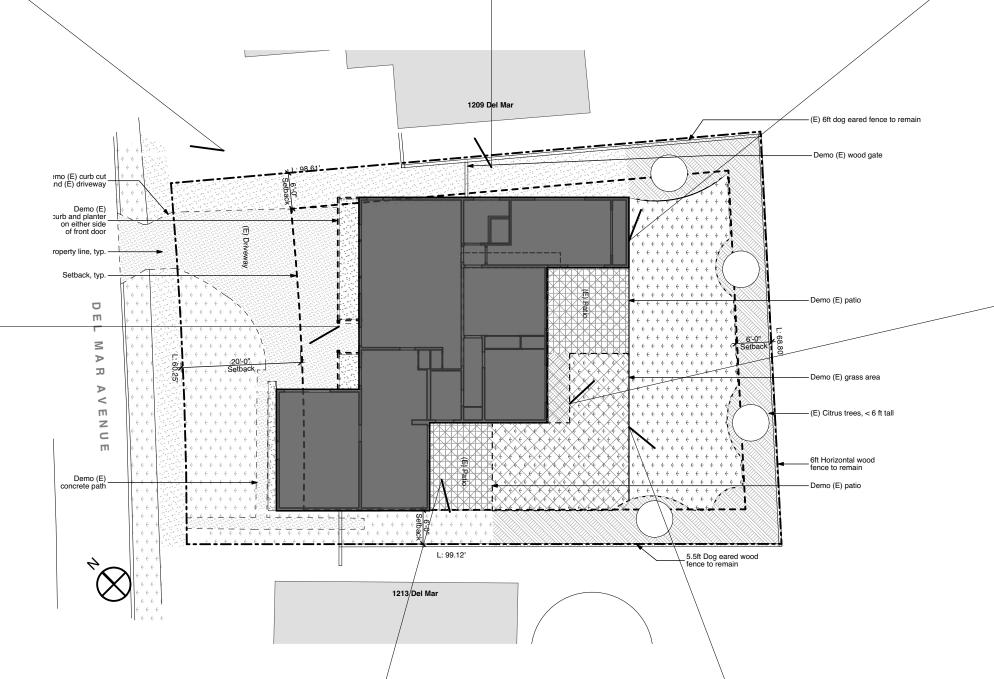


Garage / Front door



Street Facade





East side yard



South elevation - 1



South Elevation - 2



South Elevation - 4



South Elevation - 3



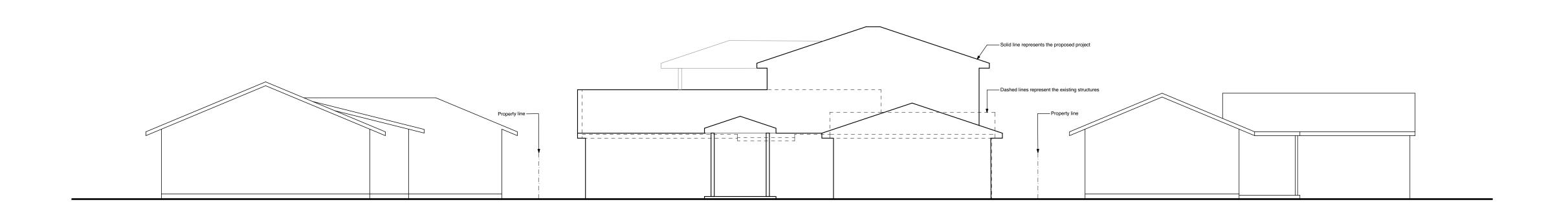


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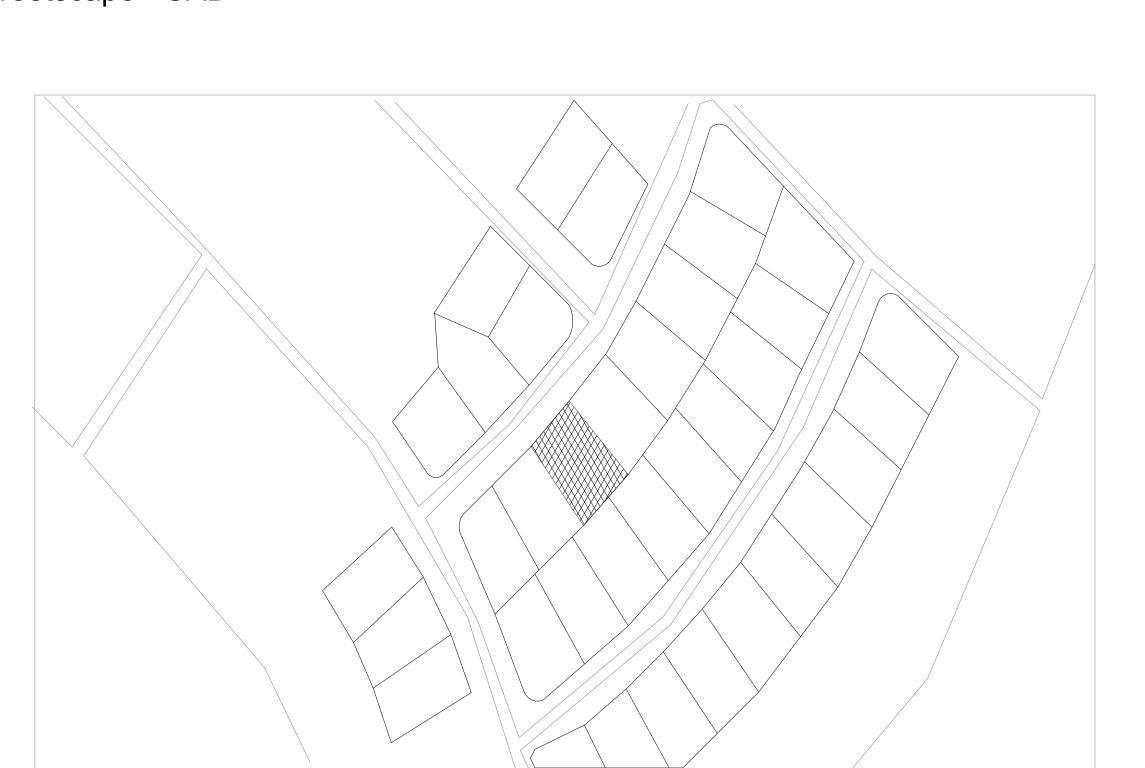
Del Mar Streetscape - Photomontage



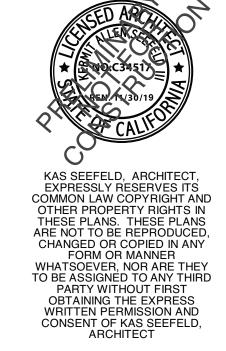
Del Mar Streetscape - CAD

| Street | Map Key | Address | Site Area | Building Area | Date of last remodel |
|----------------|---------|---------|-----------|---------------|----------------------|
| | | | | | |
| Santa Catalina | | | | | |
| | 1 | 206 | 6098 | 1067 | 1975 |
| | 2 | 202 | 6098 | 2453 | 1985 |
| | 3 | 207 | 5663 | 1481 | 1980 |
| Del Mar Ave | 9 | | | | |
| | 4 | 1212 | 5663 | 1048 | 1951 |
| | 5 | 1214 | 6534 | 1419 | 1985 |
| | 10 | 1215 | 6098 | 2138 | 2003 |
| | 11 | 1213 | 6534 | 1040 | 1990 |
| | 12 | 1209 | 6098 | 1471 | 1951 |
| | 13 | 1207 | 6534 | 2783 | 1990 |
| | 14 | 1205 | 6534 | 1489 | 1951 |
| | 15 | 1203 | 6534 | 1958 | 1951 |
| | 16 | 1201 | 6534 | 1055 | 1951 |
| Las Onda | s | | | | |
| | 6 | 132 | 5663 | 2247 | 1981 |
| | 7 | 129 | 6098 | 1055 | 1951 |
| | 8 | 125 | 5663 | 1399 | 1951 |
| | 9 | 121 | 5663 | 1035 | 1951 |
| Del Ord | o l | | | | |
| | 17 | 1202 | 7405 | 3389 | 1995 |
| | 18 | 1204 | 6098 | 1067 | 1990 |
| | 19 | 1206 | 6098 | 1314 | 1951 |
| | 20 | 1208 | 6098 | 1335 | 1952 |
| | 21 | 1210 | 6098 | 1401 | 1985 |
| | 22 | 1212 | 6098 | 1055 | 1951 |
| | 23 | 1214 | 6098 | 1320 | 1951 |
| | 24 | 1216 | 6098 | 2319 | 2006 |
| | 25 | 1218 | 6970 | 1977 | 1951 |
| | 26 | 1219 | 6098 | 1430 | 1951 |
| | 27 | 1217 | 6098 | 2545 | 1990 |
| | 28 | 1215 | 6098 | 2467 | 2003 |
| | 29 | 1213 | 6098 | 1315 | 1951 |
| | 30 | 1211 | 6534 | 1035 | 1951 |
| | 31 | 1209 | 6098 | 1067 | 1951 |
| | 32 | 1207 | 6098 | 1432 | 1952 |
| | 33 | 1205 | 6098 | 2699 | 1951 |
| | 34 | 1203 | 6098 | 1870 | 1951 |
| | 35 | 1201 | 6098 | 1441 | 1951 |

Neighborhood Data







SOEVER, NOR ARE T ASSIGNED TO ANY TI ARTY WITHOUT FIRST TAINING THE EXPRES TTEN PERMISSION AI SENT OF KAS SEEFEI ARCHITECT

EL MAK KEN

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CITY OF SANTA BARBARA STAFF HEARING OFFICER

RESOLUTION NO. 043-19 1211 DEL MAR AVENUE **MODIFICATION OCTOBER 9, 2019**

APPLICATION OF KAS SEEFELD, APPLICANT FOR OWNER, TIM AND SUSAN GORHAM, 1211 DEL MAR AVENUE, APN 045-213-003, E-3/S-D-3 ZONE, LOCAL COASTAL PLAN DESIGNATION: 5 DU/ACRE (PLN2018-00679).

The 6,425 square-foot site is currently developed with a one-story single family dwelling with an attached one-car garage. The proposed project involves both a ground floor and second story addition and interior remodel, and a new, attached two-car garage. The proposal also includes a new driveway, a wider curb cut, new doors and windows, a new rear patio, and landscaping.

The discretionary application under the jurisdiction of the Staff Hearing Officer required for this project is a Modification to allow a conforming second story addition that will change the basic exterior characteristics of the existing residence that is nonconforming to the required 6' interior setback (SBMC §28.87.030.D and §28.92.110).

The Environmental Analyst has determined that the project is exempt from further environmental review pursuant to the California Environmental Quality Act Guidelines Sections 15301 (Existing Facilities) and 15305 (Minor Alterations in Land Use Limitations).

WHEREAS, the Staff Hearing Officer has held the required public hearing on the above application, and the Applicant was present.

WHEREAS, two people appeared to speak, and the following exhibits were presented for the

- Staff Report with Attachments, October 3, 2019
- 2. Site Plans
- Correspondence received:
 - a. Rick Wolf, 1213 Del Mar Ave., Santa Barbara CA, 93109
 - b. Robert Blamire, 207 Santa Catalina Ave, Santa Barbara CA, 93109

NOW, THEREFORE BE IT RESOLVED that the City Staff Hearing Officer:

Approved the subject application, making the finding and determination that the Modification to allow a change to the basic exterior characteristics of the existing residence is consistent with the purposes and intent of the Zoning Ordinance and is necessary to secure an appropriate STAFF HEARING OFFICER RESOLUTION No. 043–19 1211 DEL MAR AVE OCTOBER 9, 2019

PAGE 2

improvement on the lot with a minor, nonconforming encroachment in the interior setback. The proposed addition will observe all required setbacks and will not increase the amount of encroachment into the required setbacks. No significant impacts to the surrounding neighborhood are anticipated as a result of the second story addition.

This motion was passed and adopted on the 9th day of October, 2019 by the Staff Hearing Officer of the City of Santa Barbara.

STAFF HEARING OFFICER RESOLUTION No. 043–19 1211 DEL MAR AVE OCTOBER 9, 2019

PAGE 3

I hereby certify that this Resolution correctly reflects the action taken by the City of Santa Barbara Staff Hearing Officer at its meeting of the above date.

Mary Ternovskaya, Commission Secretary

PLEASE BE ADVISED:

- 1. This action of the Staff Hearing Officer can be appealed to the Planning Commission within ten (10) days after the date the action was taken by the Staff Hearing Officer.
- 2. If the scope of work exceeds the extent described in the Modification request or that which was represented to the Staff Hearing Officer at the public hearing, it may render the Staff Hearing Officer approval null and void.
- 3. If you have any existing zoning violations on the property, other than those included in the conditions above, they must be corrected within thirty (30) days of this action.
- 4. Subsequent to the outcome of any appeal action, your next administrative step should be to apply for Single Family Design Board (SFDB) approval and then a building permit.
 - 5. PLEASE NOTE: A copy of this resolution shall be reproduced on the first sheet of the drawings submitted with the application for a building permit. The location, size and design of the construction proposed in the application for the building permit shall not deviate from the location, size and design of construction approved in this modification.
 - NOTICE OF APPROVAL TIME LIMITS: The Staff Hearing Officer's action approving the Performance Standard Permit or Modifications shall expire three (3) years from the date of the approval, per SBMC §30.205.120, unless:
 - a. A building permit for the construction authorized by the approval is issued within thirty six months of the approval. (An extension may be granted by the Staff Hearing Officer if the construction authorized by the permit is being diligently pursued to completion.)
 - The approved use has been discontinued, abandoned or unused for a period of six months following the earlier of:
 - an Issuance of a Certificate of Occupancy for the use, or;
 - one (1) year from granting the approval.





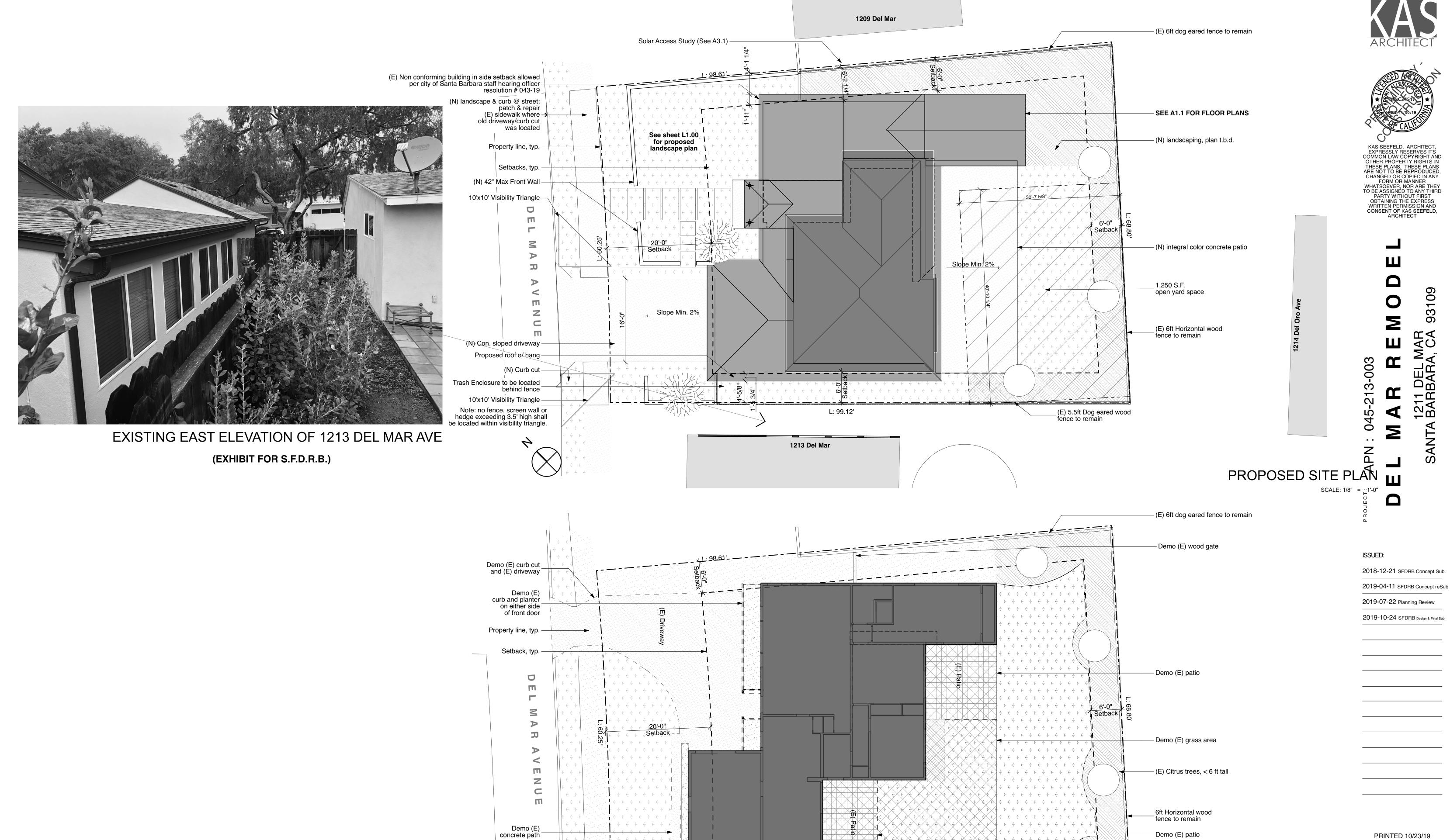
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L: 99.12'



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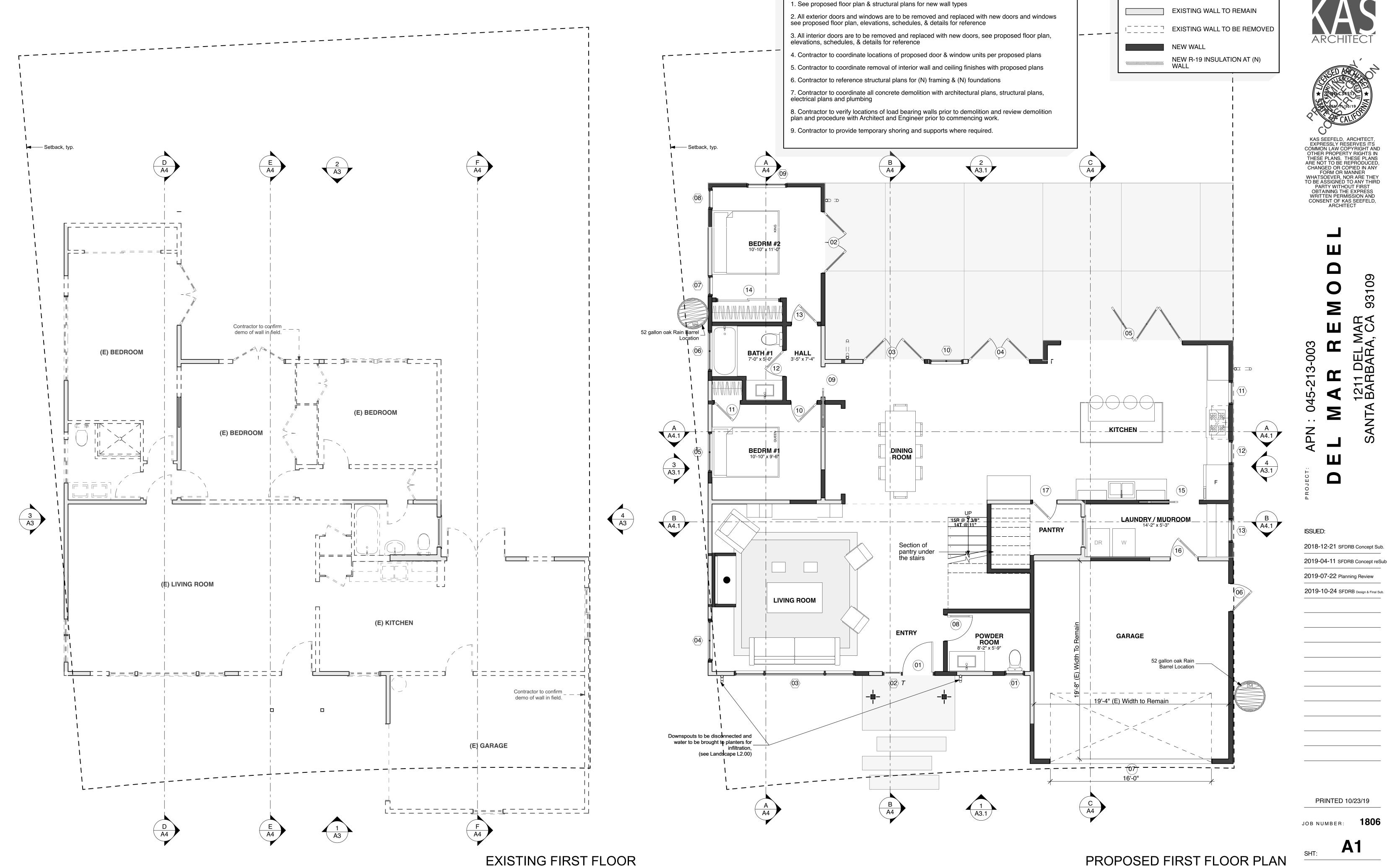
JOB NUMBER:

- Demo (E) patio

_ 5.5ft Dog eared wood fence to remain

EXISTING SITE INFO.

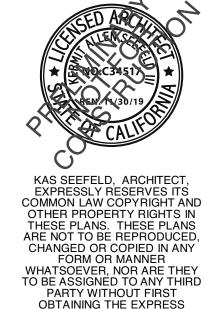
SCALE: 1/8" = 1'-0"

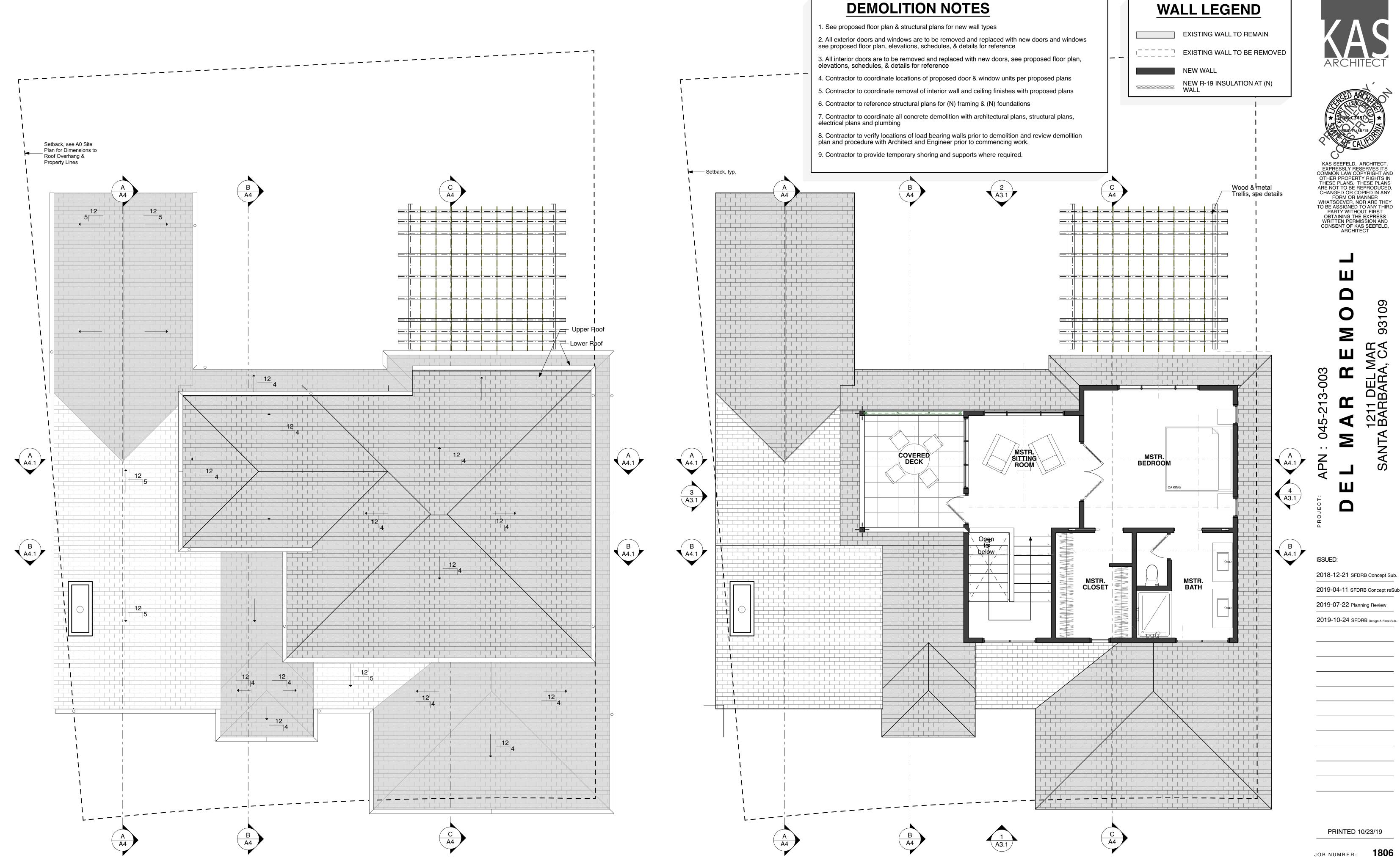


SCALE: 1/4" = 1'-0"

DEMOLITION NOTES

WALL LEGEND

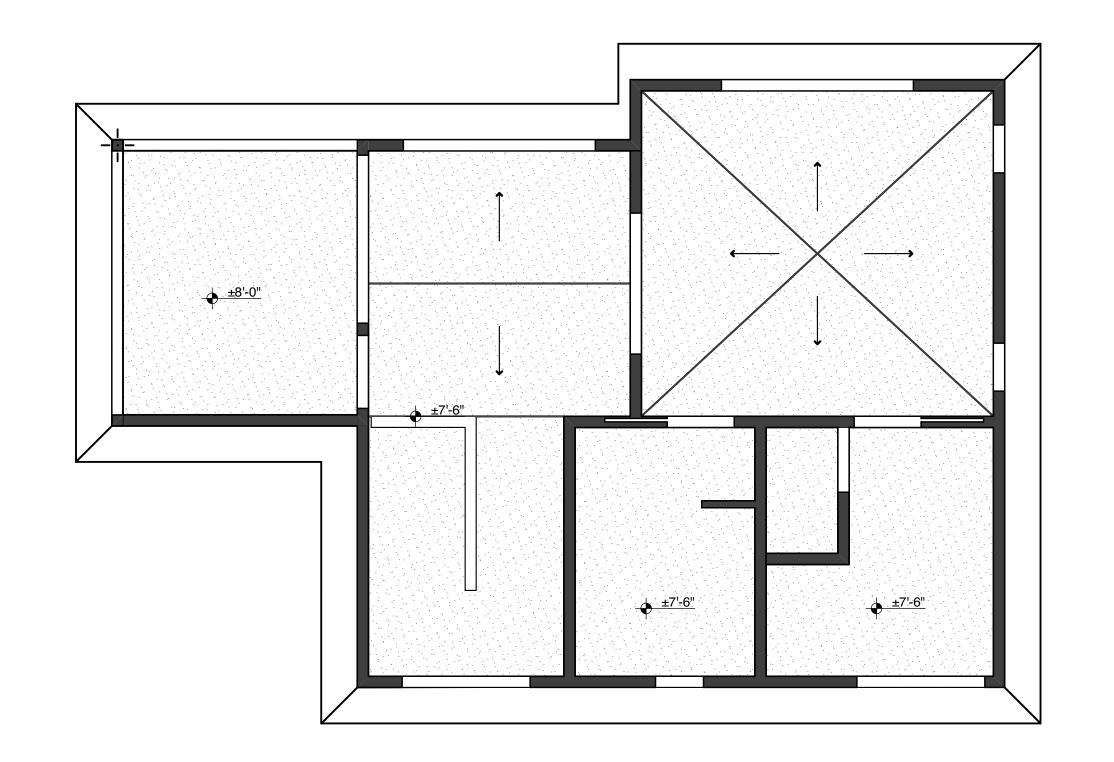


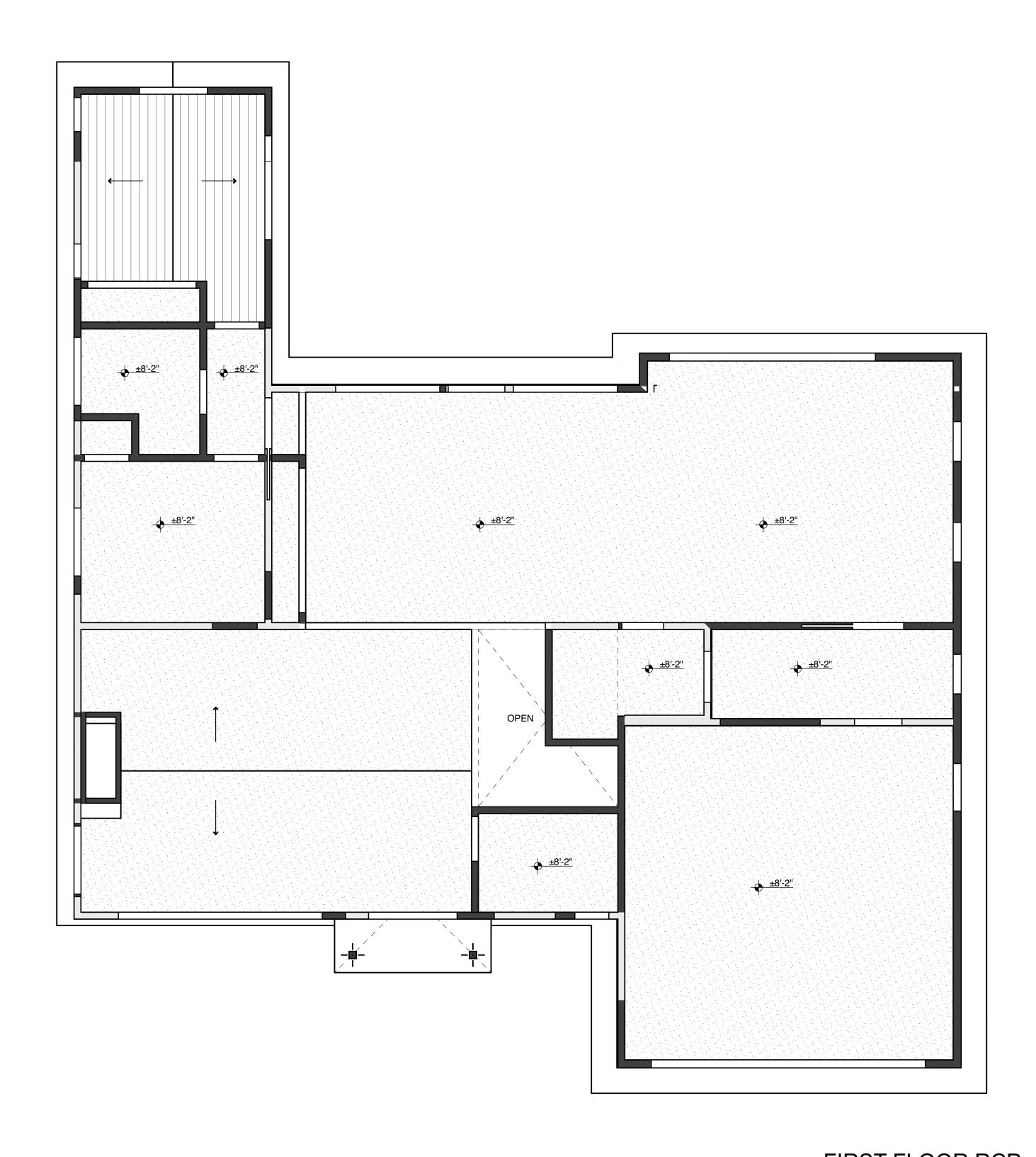


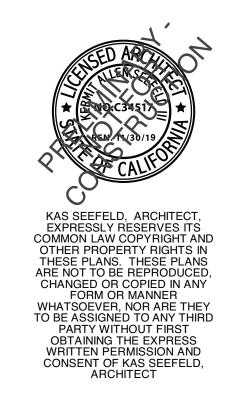
PROPOSED ROOF PLAN

SCALE: 1/4" = 1'-0"

PROPOSED SECOND FLOOR PLAN SHT: A1.1







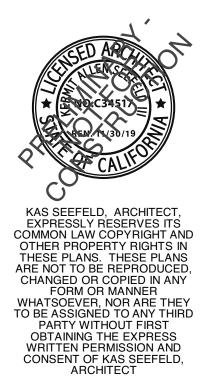
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JOB NUMBER: **1806**

SHT: **A2.1**



4 EXISTING WEST ELEVATION SCALE: 1/4" = 1'-0"

2 EXISTING SOUTH ELEVATION
SCALE: 1/4" = 1'-0"

3 EXISTING EAST ELEVATION SCALE: 1/4" = 1'-0"

EXISTING NORTH ELEVATION
SCALE: 1/4" = 1'-0"

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ISSUED:

EXTERIOR COLOR & MATERIAL FINISH SPECIFICATIONS

1. Asphalt shingle roof; "Weathered Wood"

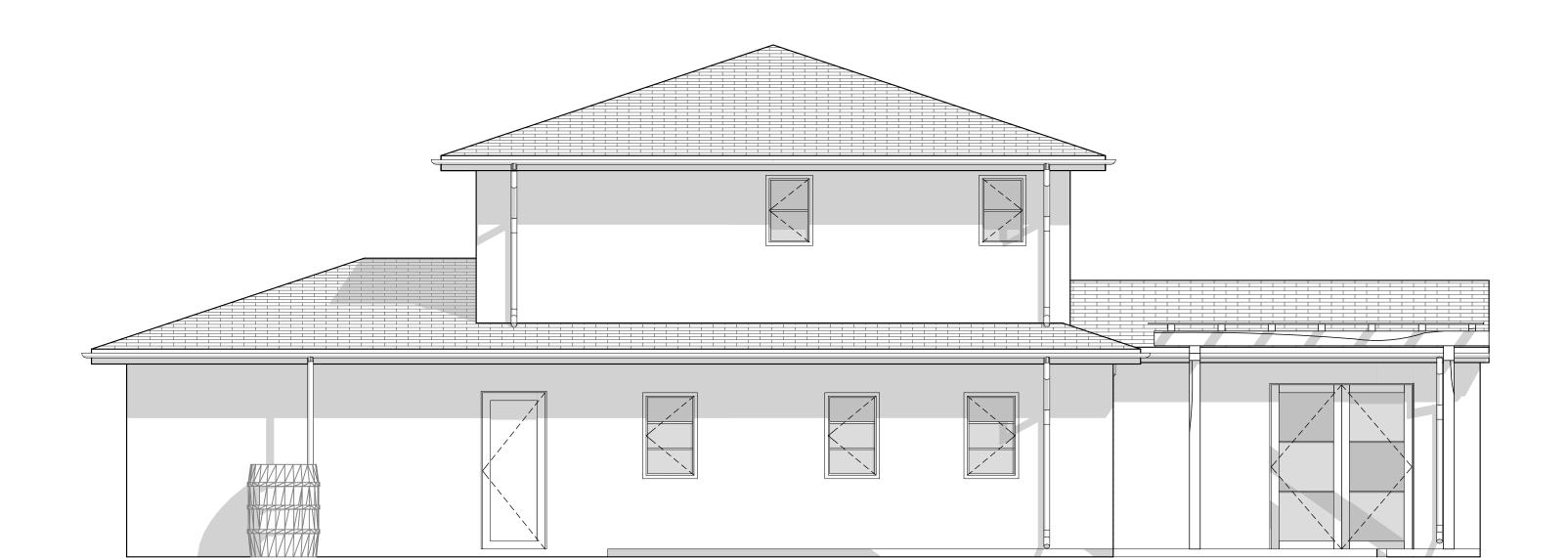
2. Windsor doors and windows; Walnut

3. La Habra integral colored stucco; X-820 Silverado

4. Davis Colors; Integral color concrete

5. Exterior wood beams and post; Cabot semi-transparent sandstone stain

6. Light fixture; bronze metallic finish

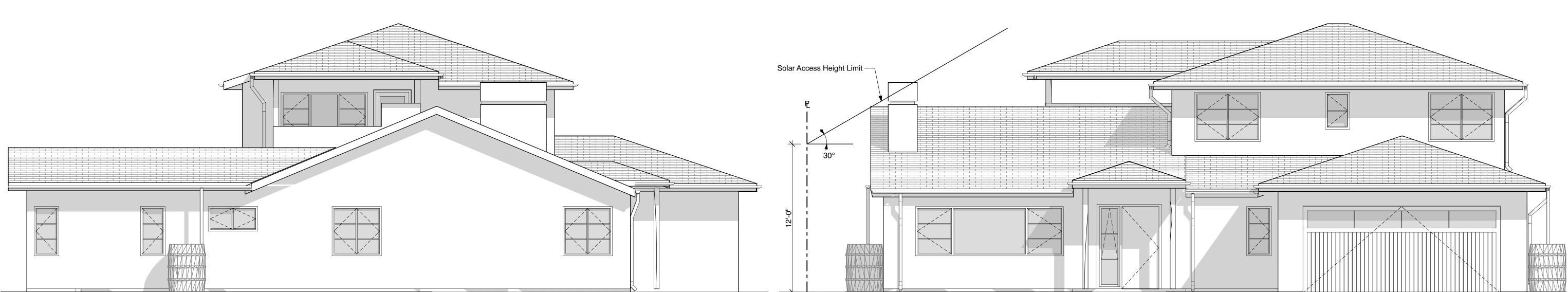




4 PROPOSED WEST ELEVATION

SCALE: 1/4" = 1'-0"

2 PROPOSED SOUTH ELEVATION SCALE: 1/4" = 1'-0"



JOB NUMBER:

3 PROPOSED EAST ELEVATION SCALE: 1/4" = 1'-0"

PROPOSED NORTH ELEVATION
SCALE: 1/4" = 1'-0"

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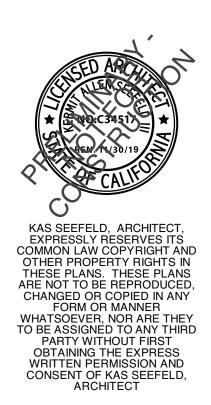
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OF:

A BUILDING SECTION
SCALE: 1/4" = 1'-0"





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OF:

| | | | | | | | D | OOR | SCH | IEDULE | | | |
|------|-------------------|-------------|-----------|--------|----------|------------|--------|-------|--------|----------|-------------|---------|---------|
| SYM. | LOCATION | ODEDATION | OPERATION | NO. OF | | ESCRIPTION | | | SIZE | | DOOR | GLAZING | REMARKS |
| | | | LEAFS | Туре | Material | Finish | W | Н | Thk | HARDWARE | 0.17.11.110 | 112 | |
| FIRS | T FLOOR | | | | | | | | | | | 1 | |
| 01) | Entry | Hinged | 1 | Α | Wd | CLAD | 3'-0" | 6'-8" | 1 3/4" | | | | |
| 02 | Bedroom #2 | Pair Hinged | 2 | С | Wd | CLAD | 6'-0" | 7'-0" | 1 3/4" | | TEMP | | |
| 03 | Dining Room | Pair Hinged | 2 | С | Wd | CLAD | 6'-0" | 7'-0" | 1 3/4" | | TEMP | | |
| 04) | Dining Room | Pair Hinged | 2 | С | Wd | CLAD | 6'-0" | 7'-0" | 1 3/4" | | TEMP | | |
| 05) | Kitchen | Folding | 4 | В | Wd | CLAD | 12'-0" | 7'-4" | 1 3/4" | | TEMP | | |
| 06) | Garage | Hinged | 1 | E | Wd | CLAD | 2'-8" | 6'-8" | 1 3/4" | | | | |
| 07 | Garage | Garage | 1 | D | Wd | Wd | 16'-0" | 7'-0" | 1 3/4" | | TEMP | | |
| 08) | Powder Room | Hinged | 1 | F | Wd | Wd | 2'-6" | 6'-8" | 1 3/4" | | | | |
| 09 | Dining Room | Pocket | 1 | G | Wd | Wd | 3'-0" | 6'-8" | 1 3/4" | | | | |
| 10 | Bedroom #1 | Hinged | 1 | F | Wd | Wd | 2'-6" | 6'-8" | 1 3/4" | | | | |
| 11) | Bedroom #1 | Hinged | 1 | F | Wd | Wd | 2'-6" | 6'-8" | 1 3/4" | | | | |
| 12 | Bath #1 | Hinged | 1 | F | Wd | Wd | 2'-6" | 6'-8" | 1 3/4" | | | | |
| 13 | Bedroom #2 | Hinged | 1 | F | Wd | Wd | 2'-6" | 6'-8" | 1 3/4" | | | | |
| 14) | Bedroom #2 | Sliding | 2 | Н | Wd | Wd | 6'-0" | 6'-8" | 1 3/4" | | | | |
| 15) | Laundry | Pocket | 1 | G | Wd | Wd | 3'-0" | 6'-8" | 1 3/4" | | | | |
| 16 | Garage | Hinged | 1 | F | Wd | Wd | 2'-8" | 6'-8" | 1 3/4" | | | | |
| 17) | Pantry | Hinged | 1 | F | Wd | Wd | 2'-4" | 6'-8" | 1 3/4" | | | | |
| SEC | OND FLOOR | | | | | | | | | | | | |
| 18) | Master Sitting Rm | Hinged | 1 | Е | Wd | CLAD | 2'-8" | 6'-8" | 1 3/4" | | TEMP | | |
| 19 | Master Bedroom | Pair Hinged | 2 | С | Wd | Wd | 5'-6" | 6'-8" | 1 3/4" | | | | |
| 20 | Master Bedroom | Pocket | 1 | G | Wd | Wd | 2'-8" | 6'-8" | 1 3/4" | | | | |
| 21) | Master Bath | Hinged | 1 | F | Wd | Wd | 2'-4" | 6'-8" | 1 3/4" | | | | |
| (22) | Master Bedroom | Pocket | 1 | G | Wd | Wd | 2'-8" | 6'-8" | 1 3/4" | | | | |

GENERAL NOTES:

 Contractor to confirm all rough openings 2. Door unit sizes are approximate dimensions - field verify unit sizes

3. SEE ELEVATIONS FOR OPERATION

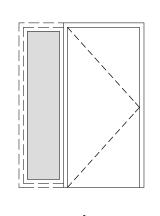
Vinyl or composite doors; contractor to coordinate weatherization methods w/ window manufacture and best practices for Ty-vek or approved equal building wrap.
 Doors shall be approved non-combustible construction, 20 minute rated, or 1 3/8" solid core
 Exterior glazed doors and glazed openings within doors shall be dual glazed with a minimum of one tempered pane, or be glass block units, or be 20 minute fire rated.

7. All doors must satisfy the thermal performance noted in the energy report on sheet T002; U-factor = 0.32 and a SHGC = 0.25

8. The NFRC thermal performance labels shall remain on doors until final inspection.

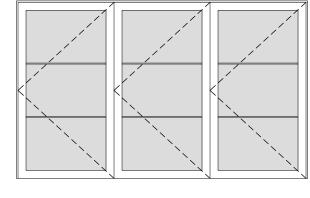
ABBREVIATIONS:

ANDZ - Anodized ST - Stained DL - Dual glazed CLAD - Aluminum clad STL - Steel PTD - Painted OBS - Obscure glazing TEMP - Tempered safety glazing Bleached SNG - Single glazed VGDF - Vertical Grain Douglas Fir - Clear GLZ - Glazing LAM - 1/4" thick minimum laminated safety glazing



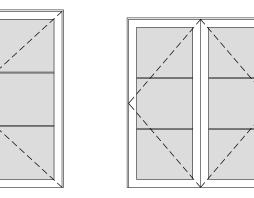
Hinged W/ Sidelight

Hinged (Interior)



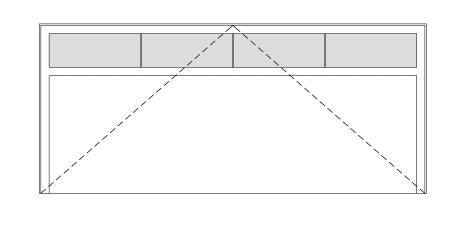
Bifold

Pocket

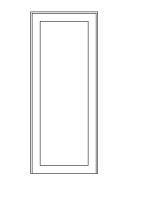


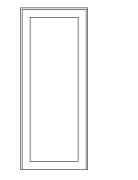
C Pair Hinged

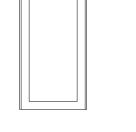
Pair Sliding



Garage Överhead

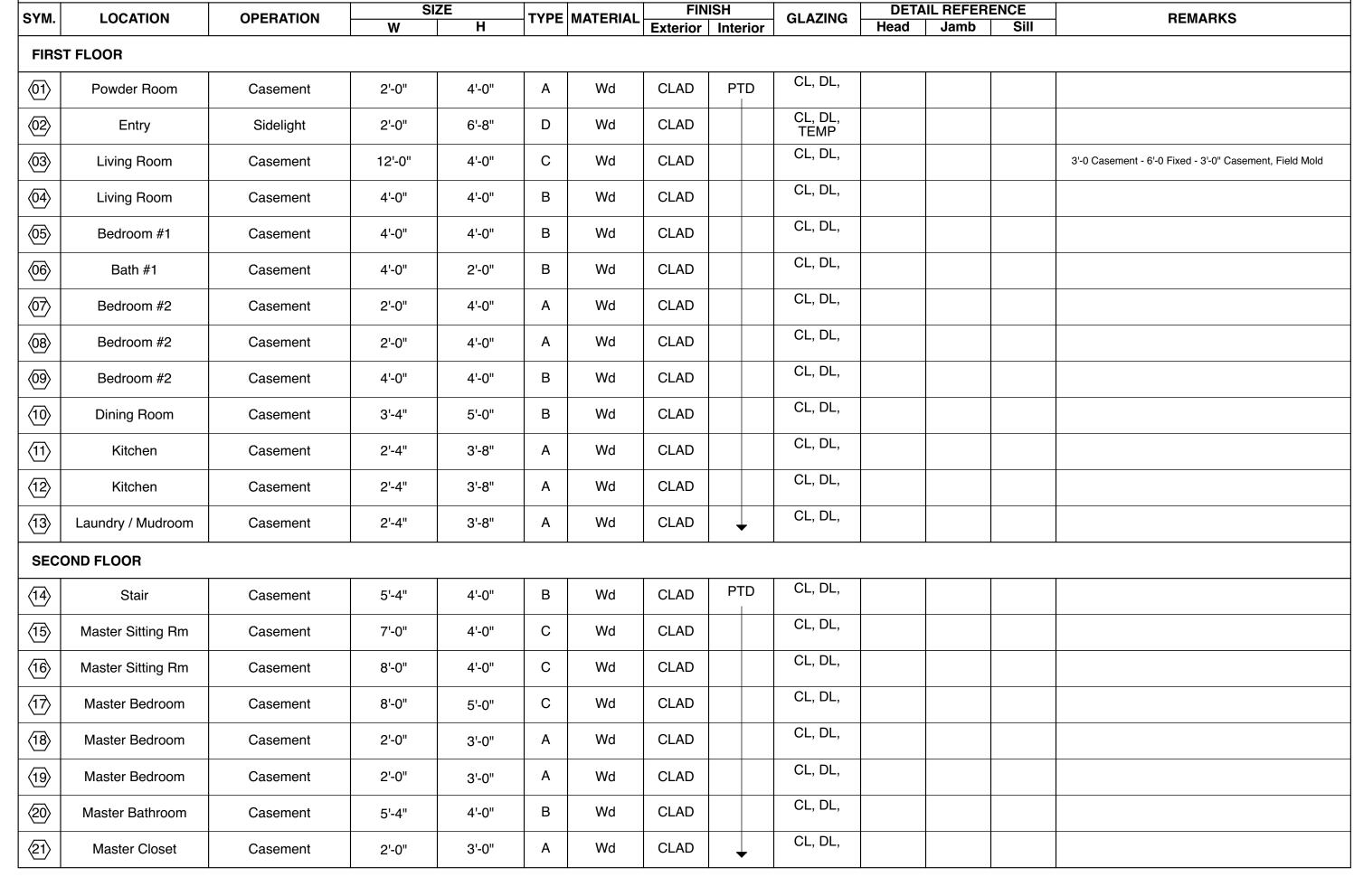








Hinged (Exterior)

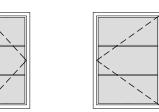


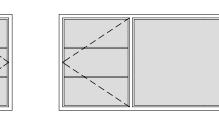
WINDOW SCHEDULE

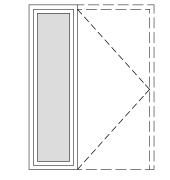
- 1. Safety glazing is required in windows within 24" of an adjacent door, with the exception of an intervening wall. Refer to the floor plan; windows designated with a "T" following the window number are to comply with the safer glazing requirements, locations and labeling per CRC R308.
- 2. Window unit sizes are approximate dimensions field verify unit sizes 3. All windows to be dual glazing, with low-e coating
- 4. SEE ELEVATIONS FOR OPERATION
- 5. Vinyl, or composite windows; contractor to coordinate weatherization methods w/ window manufacture and best practices for Ty-vek or approved equal building wrap.
 6. Exterior windows and window walls shall be dual glazed with a minimum of one tempered pane, or be glass block units, or be 20 minute fire rated.
 7. All windows must satisfy the thermal performance noted in the energy report on sheet T002; U-factor = 0.32 and a SHGC = 0.25
 8. The NFRC thermal performance labels shall remain on windows until final inspection.

ABBREVIATIONS:

| ANDZ | - Anodized | DL | - Dual glazed | ST | - Stained |
|------|------------|-----|-------------------------|--------|-----------------------------|
| STL | - Steel | PTD | - Painted | CLAD | - Aluminum clad |
| BL | - Bleached | OBS | - Obscure glazing | TEMP | - Tempered safety glazing |
| CL | - Clear | SNG | - Single glazed | VGDF | - Vertical Grain Douglas Fi |
| GLZ | - Glazing | LAM | - 1/4" thick minimum la | minate | d safety glazing |







Pair Casement Casement - Fixed - Casement Casement

Sidelight

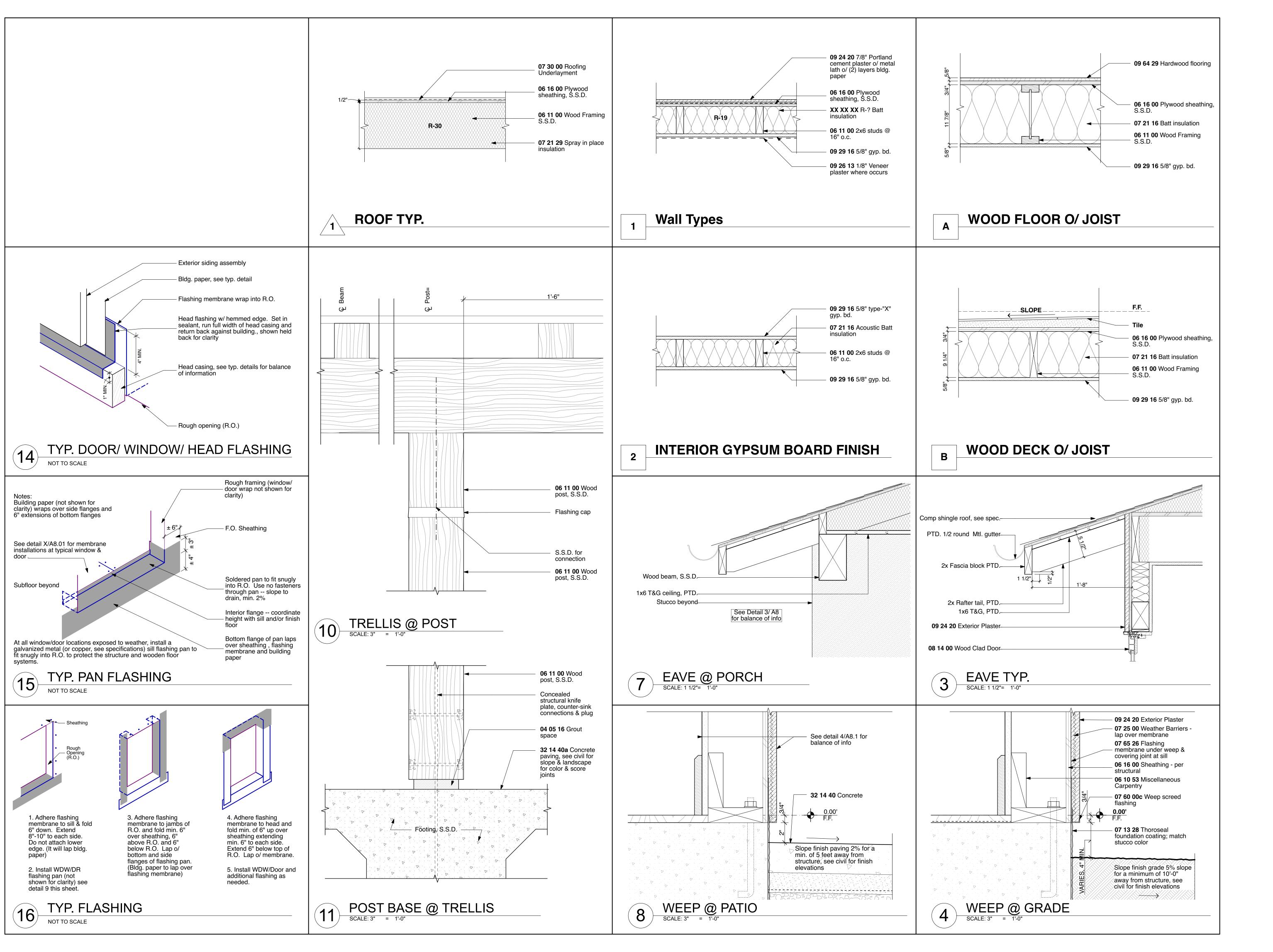


ISSUED:

2018-12-21 SFDRB Concept Sub. 2019-04-11 SFDRB Concept reSub 2019-07-22 Planning Review 2019-10-24 SFDRB Design & Final Sub.

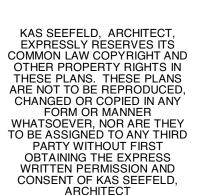
PRINTED 10/23/19

JOB NUMBER:









PARTY WITHOUT FIRST
OBTAINING THE EXPRESS
WRITTEN PERMISSION AND
CONSENT OF KAS SEEFELD,
ARCHITECT

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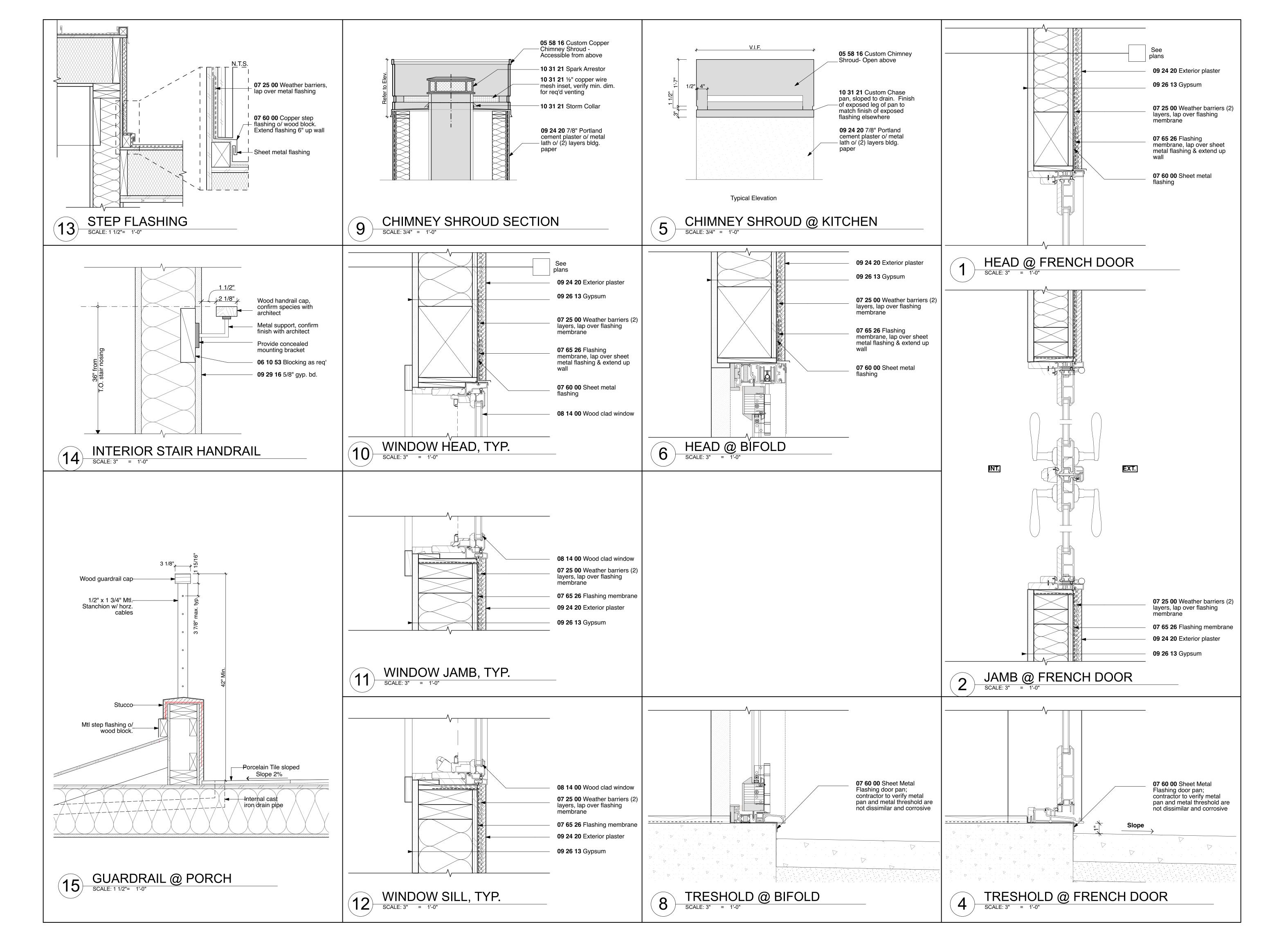
ISSUED:

2018-07-13 Client Mtg.

PRINTED 10/23/19

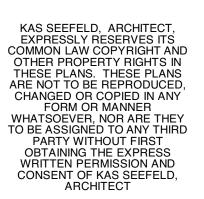
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JOB NUMBER:









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ISSUED:

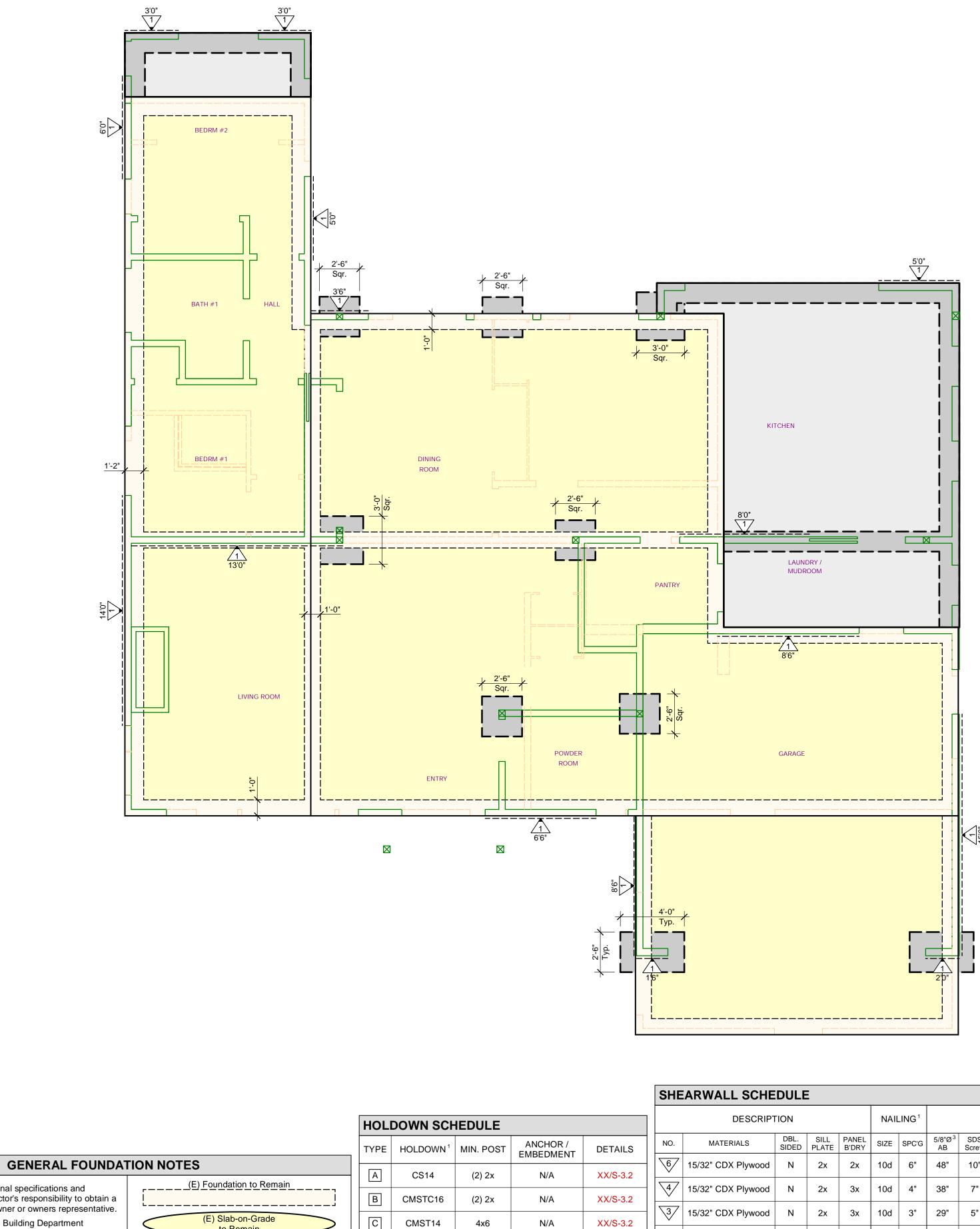
2018-07-13 Client Mtg.

PRINTED 10/23/19

JOB NUMBER: 16

A8.1

OF:



Please see Soils Report for additional specifications and recommendations. It is the contractor's responsibility to obtain a copy of the soils report from the owner or owners representative. Prior to the contractor requesting a Building Department to Remain foundation inspection, the Soils Engineer shall advise the building inspector in writing that: a) Building pad was prepared in accordance with soils report Pad Foundation, Size per Plan b) Utility trenches have been properly backfilled and compacted, w/ #5 @ 12" oc EW c) Foundation excavations, the soil's expansive characteristics and bearing capacity conform to the soils report. 15" Wide x 24" Embedment w/ (2) #5 Top & Bot. (UNO) See General Notes & Specifications for additional (N) 4" Slab-on-Grade w/ #4 @ 18" oc, per Details requirements and material specifications. All dimensions per Architectural plans Denotes Step in Slab-on-Grade Step Ht. & Extent per Arch. Contractor to VERIFY all dimensions w/ Architectural plans PRIOR to commencement of construction.

Wood Framed Wall Above (See S-2.2)

Contractor shall verify all existing conditions prior to construction

& contact Engineer and Architect regarding any discrepancies.

EXISTING BUILDING NOTES

All As-Built Structural Information Taken

dated 07-19-2016.

From Archived Plans by Tarn Shea Design,

| TYPE | HOLDOWN ¹ | MIN. POST | ANCHOR / EMBEDMENT | DETAILS |
|------|----------------------|-----------|---------------------------|----------|
| Α | CS14 | (2) 2x | N/A | XX/S-3.2 |
| В | CMSTC16 | (2) 2x | N/A | XX/S-3.2 |
| С | CMST14 | 4x6 | N/A | XX/S-3.2 |
| D | CMST12 | 4x6 | N/A | XX/S-3.2 |
| Е | MSTC66B3 | (2) 2x | N/A | XX/S-3.2 |
| 1 | HDU4 | (2) 2x | SSTB24 / 21" Min. | XX/S-3.1 |
| 2 | HDU8 | 4x6 | SSTB28L / 25" Min. | XX/S-3.1 |
| 3 | HDU11 | 6x6 | SB1x30 / 24" Min. | XX/S-3.1 |
| 4 | HDU14 | 6x6 | SB1x30 / 24" Min. | XX/S-3.1 |
| 5 | HD19 | 6x6 | PAB10 x 36" / 30" Min. | XX/S-3.1 |

| | SHE | ARWALL SCHE | | | | | | | | | | | |
|---------------|-------------|--------------------|---------------|---------------|----------------|------|---|--------------------------|---------------------------|--|-----|------------------|--|
| | DESCRIPTION | | | | | NAII | NAILING ¹ TRANSFERS ² | | | | | | |
| ١ | NO. | MATERIALS | DBL. SIDED | SILL PLATE | PANEL B'DRY | SIZE | SPC'G | 5/8"Ø ³ AB | SDS ⁴ Screw | A35, LTP4, ^{5,6,7} or LTP5 | RBC | 16d ⁸ | |
| | 6 | 15/32" CDX Plywood | N | 2x | 2x | 10d | 6" | 48" | 10" | 20" | 13" | 5" | |
| | 4 | 15/32" CDX Plywood | N | 2x | 3x | 10d | 4" | 38" | 7" | 13" | 9" | 3" | |
| | 3 | 15/32" CDX Plywood | N | 2x | 3x | 10d | 3" | 29" | 5" ⁹ | 10" | 7" | - | \triangle |
| | 2/ | 15/32" CDX Plywood | N | 2x | 3x | 10d | 2" | 23" | 4" ⁹ | 8" | 5" | - | Proj. Engr.: P. Aster Phone Ext.: 181 Proj. Mngr.: P. Belmont Phone Ext.: 158 |
| | 44/ | 15/32" CDX Plywood | Υ | 3x | 3x | 10d | 4" | 24" | 3" ⁹ | 6" | - | - | Date: 11 July 2019 Scale: 1/4"=1'-0" |
| $\frac{1}{2}$ | 33/ | 15/32" CDX Plywood | Y | 3x | 3x | 10d | 3" | 18" | 2" ^{9,10} | 5" | - | - | A&V Job No.: 19409 |

- All nails to be COMMONS. **DO NOT** use box type nails. All "field" nailing to be 12" oc, UNO.

 All transfers to be installed into min. 1-1/2" thick members, UNO. Where dips are spaced less than 6" oc, stagger clips on each
- side of wall.

 3. All shear walls to have 5/8" anchor bolts, embeded 7" into concrete foundations, with 3"x3"x0.229" thick plate washers, minimum. Washers may be slotted (slot length not to exceed 1-3/4") w/ standard cut washer placed between nut and plate washer. Washers shall extend within 1/2" of the edge of the bottom plate on the sheathed side. At walls sheathed on 2 sides, plate washers shall be alternated to each side of plate. [Governing Bulding Code, Section 2308.3.2] [AF&PA SDPWS 4.3.6.4.3]

 4. Simpson SDS 1/4"x4-1/2" Screws through 2x sill, or SDS 1/4"x6" Screws through 3x sill or double plates. Install into minimum 1-3/4" thick members (rim and/or blocking). [ICC ESR 2236]

 5. See details for permitted transfer dip types and locations.
- See details for permitted transfer clip types and locations. Orient LTP4 and LTP5 clips such that the long dimension is horizontal.
- Where LTP4 clips are installed over shear wall sheathing, fasten with full length 8d common nails. 16d common nails through the sill plate to rim member or blocking. 9. Install screws into 3-1/2" wide continuous member, staggered 1-1/2" apart.

10. Install screws into Glulams or solid sawn member. LSL, LVL, or PSL members are NOT acceptable, UNO.

FOUNDATION

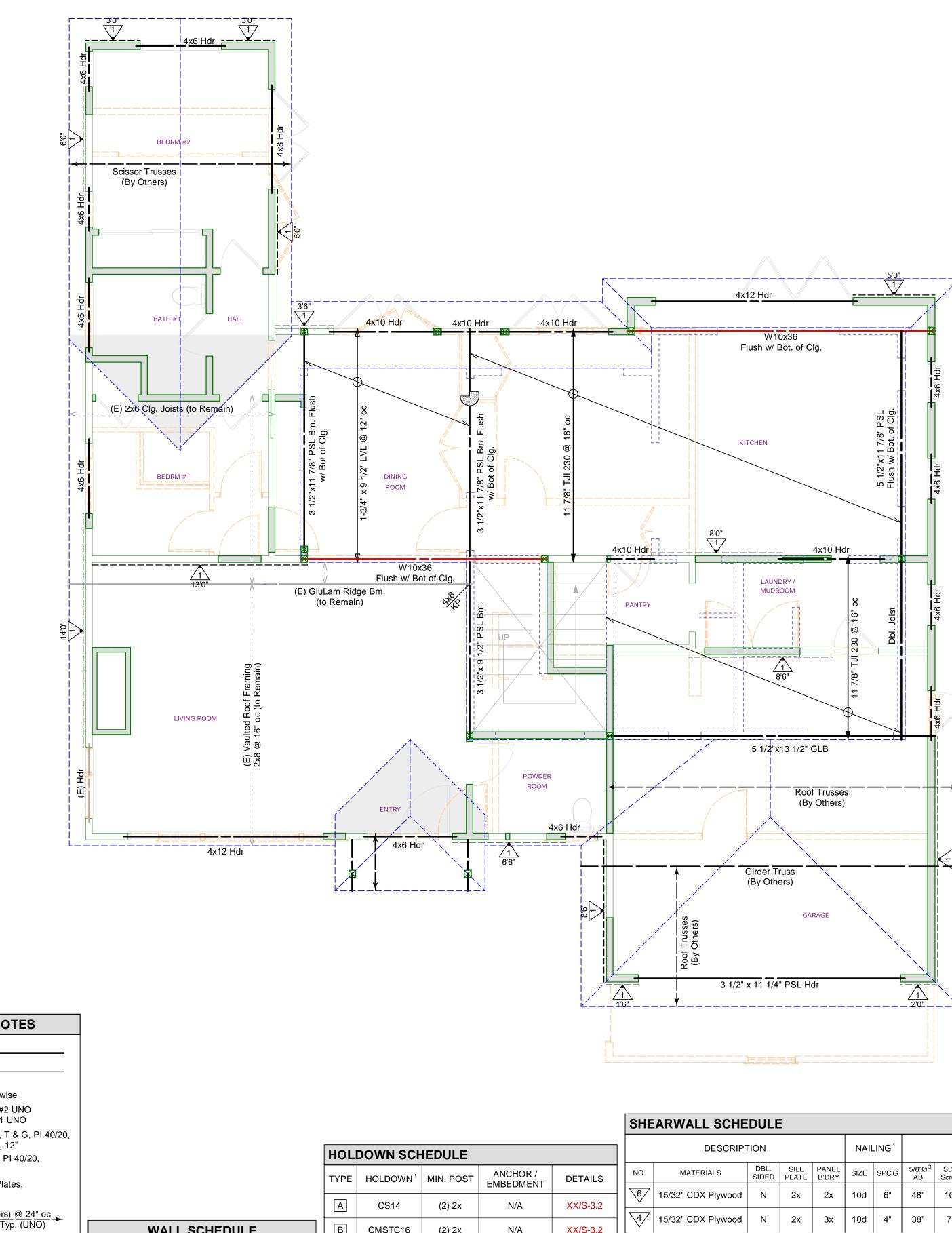
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remain with Ashley & Vance Engineering, Inc. without prejudice. Visual contact with these plans and specifications shall constitute prima facie evidence of the acceptance of these restrictions.

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DO NOT SCALE THESE DRAWINGS. Refer to Architectural plans for all dimensions.



GENERAL FRAMING NOTES

(N) Beams (per Call-out)

(E) Beams (to Remain)

All Beams to Bear on Plates w/ Indicated Post or Doubler Below Unless Noted Otherwise All Lumber 4x6, 6x6 and Smaller to be DF #2 UNO All Lumber 4x8, 6x8 and Larger to be DF #1 UNO Floor sheathing to be 3/4" plywood or OSB, T & G, PI 40/20, glued and nailed w/ 10d commons at 6", 6", 12" Roof sheathing to be 5/8" plywood or OSB, PI 40/20, nailed w/ 10d commons at 6", 6", 12"

All Walls to have Continuous Double Top Plates, All Splices to be per Detail 7/S-1.1

See General Notes & Specifications for additional

Contractor shall verify all existing conditions prior to

Contractor to VERIFY all dimensions w/ Architectural plans

construction & contact Engineer and Architect regarding any

requirements and material specifications.

PRIOR to commencement of construction.

All dimensions per Architectural plans

Pre-Fabricated Roof Trusses (by Others) @ 24" oc All Truss to Truss Hangers per Mfr., Typ. (UNO)

(N) Floor Joists -- 11 7/8" TJI 230 @ 16" oc in Simpson ITS Hangers, Typ. (UNO)

(N) Deck Joists -- 1-3/4" x 9 1/2" LVL @ 12" oc Ripped to Slope per Arch (7-1/2" Min. Depth)

in Simpson U Hangers. (UNO) (E) Framing (to Remain)

Denotes Step in Framing.
Step Ht. & Extent per Arch. Waterproofing, flashing, & finish details per Architecturals.

discrepancies.

EXISTING BUILDING NOTES

All As-Built Structural Information Taken From Archived Plans by Tarn Shea Design, dated 07-19-2016.

WALL SCHEDULE

(E) Wood-Framed Wall to Remain

Stud wall locations per Architecturals.

(N) Non-Struc. Wood-Framed Wall Wall Thickness per Arch.

Min. 2x4 D.F. Stud @ 16" o.c. Demolished Wall Framing

Provide wall length continuous full depth solid blocking (where floor joists perpendicular) or double

floor joist (where joists parallel) for all walls above.

(shown for clarity)

Walls above (shown for clarity)

CMSTC16 (2) 2x N/A XX/S-3.2 CMST14 N/A XX/S-3.2 4x6 CMST12 4x6 XX/S-3.2 MSTC66B3 N/A XX/S-3.2 (2) 2x HDU4 (2) 2x XX/S-3.1 21" Min. SSTB28L/ HDU8 XX/S-3.1 25" Min. SB1x30 / HDU11 6x6 XX/S-3.1 24" Min. SB1x30 / HDU14 6x6 XX/S-3.1 24" Min. PAB10 x 36" HD19 6x6 XX/S-3.1 30" Min.

. Shared holdowns to be installed per detail **10/S-1.1**, *Typical Shearwall*

FOOTNOTES:

TRANSFERS² DBL. SILL PANEL SIZE SPC'G 5/8"Ø³ SDS⁴ A35, LTP4,^{5,6,7} RBC 16d 6 | 15/32" CDX Plywood | N | 2x | 2x | 10d | 6" | 48" | 10" 13" 3/ 15/32" CDX Plywood N 2x 3x 10d 3" 29" 5"⁹ 2/ 15/32" CDX Plywood 10d 2" 23" 4"⁹ 44/ 15/32" CDX Plywood Y 3x 3x 10d 4" 24" 3"⁹ 33 15/32" CDX Plywood Y 3x 3x 10d 3" 18" 2" 9,10

1. All nails to be COMMONS. **DO NOT** use box type nails. All "field" nailing to be 12" oc, UNO. 2. All transfers to be installed into min. 1-1/2" thick members, UNO. Where clips are spaced less than 6" oc, stagger clips on each

3. All shear walls to have 5/8" anchor bolts, embedded 7" into concrete foundations, with 3"x3"x0.229" thick plate washers, minimum. Washers may be slotted (slot length not to exceed 1-3/4") w/ standard cut washer placed between nut and plate washer. Washers shall extend within 1/2" of the edge of the bottom plate on the sheathed side. At walls sheathed on 2 sides, plate washers shall be alternated to each side of plate. [Governing Bulding Code, Section 2308.3.2] [AF&PA SDPWS 4.3.6.4.3]

4. Simpson SDS 1/4"x4-1/2" Screws through 2x sill, or SDS 1/4"x6" Screws through 3x sill or double plates. Install into minimum

1-3/4" thick members (rim and/or blocking). [ICC ESR 2236] 5. See details for permitted transfer clip types and locations. 6. Orient LTP4 and LTP5 clips such that the long dimension is horizontal.

7. Where LTP4 clips are installed over shear wall sheathing, fasten with full length 8d common nails. 8. 16d common nails through the sill plate to rim member or blocking. 9. Install screws into 3-1/2" wide continuous member, staggered 1-1/2" apart. 10. Install screws into Glulams or solid sawn member. LSL, LVL, or PSL members are NOT acceptable, UNO. Proj. Engr.: P. Aster Phone Ext.: 181

Proj. Mngr.: P. Belmont Phone Ext.: 158 Date: 11 July 2019 | Scale: 1/4"=1'-0" A&V Job No.: 19409

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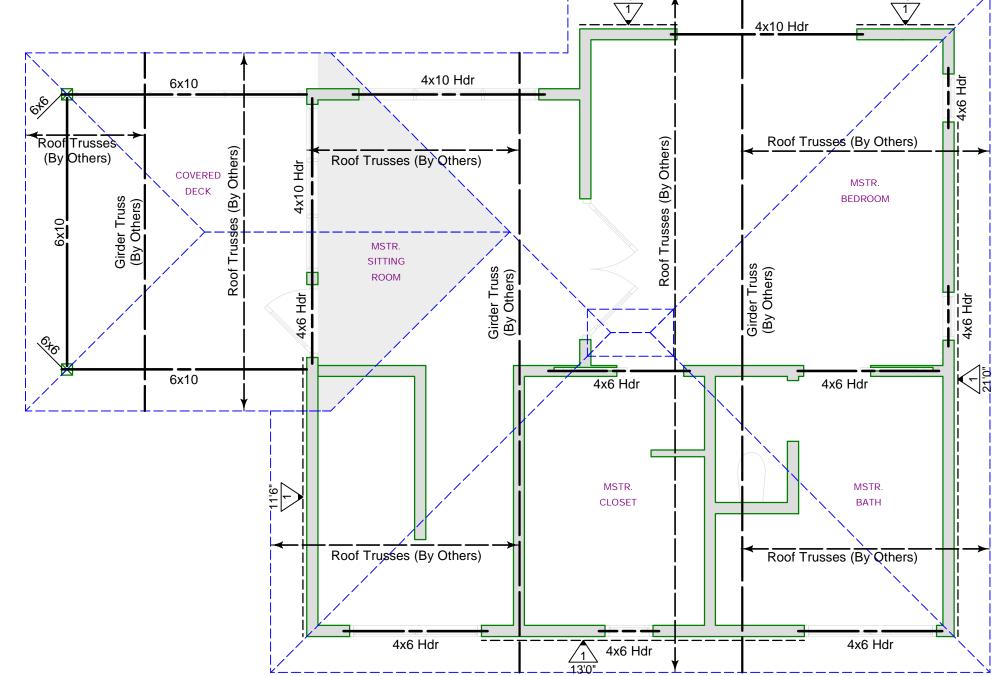
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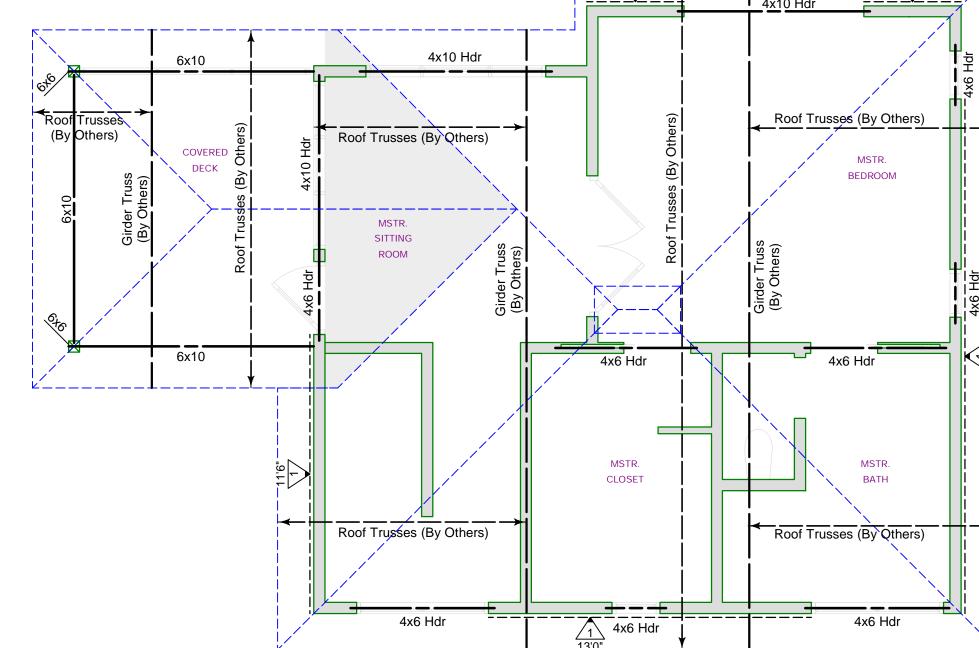
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FLOOR FRAMING PLAN

DO NOT SCALE THESE DRAWINGS. Refer to Architectural plans for all dimensions.





Denotes Approximate Areas of Overbuild. Overbuild Framing Consists of 2x8 Ridge, 2x6 Rafters, with 2x4 Vertical Supports @ 48" o.c., Staggered.

TRUSS DRAWINGS

Manufactured truss (i.e. prefabricated truss) drawings are required. Truss drawings must be received by the Architect (or designer) in time to ensure adequate coordination with Structural Engineer. Refer to the Material Specifications for additional requirements. Truss drawings shall include (but

- are not limited to) the following: 1. All connections related to trusses (i.e. truss to truss, conventional framing to truss, truss to top plate, etc.
- 2. All related bracing for trusses.
- 3. Any camber needed to minimize excessive deflection. 4. Adequate design to prevent any lateral movement. 5. Adequate design to sustain any vertical load.
- 6. The builder agrees to hold the Architect (or Designer) & the Engineer harmless for omissions due to delayed receipt of truss drawings.

All truss engineering, drawings, truss types, and detailed shop drawings shall be approved by the project engineer prior to the installation of the trusses.

GENERAL FRAMING NOTES

All Beams to Bear on Plates w/ Indicated Post or Doubler Below Unless Noted Otherwise All Lumber 4x6, 6x6 and Smaller to be DF #2 UNO All Lumber 4x8, 6x8 and Larger to be DF #1 UNO Roof sheathing to be 5/8" plywood or OSB, PI 40/20, nailed w/ 10d commons at 6", 6", 12" All Walls to have Continuous Double Top Plates, All Splices to be per Detail 7/S-1.1

Pre-Fabricated Roof Trusses (by Others) @ 24" oc All Truss to Truss Hangers per Mfr., Typ. (UNO)

Waterproofing, flashing, & finish details per Architecturals.

See General Notes & Specifications for additional requirements and material specifications. All dimensions per Architectural plans

Contractor to VERIFY all dimensions w/ Architectural plans PRIOR to commencement of construction. Contractor shall verify all existing conditions prior to construction & contact Engineer and Architect regarding any discrepancies.

EXISTING BUILDING NOTES

All As-Built Structural Information Taken From Archived Plans by Tarn Shea Design, dated 07-19-2016.

WALL SCHEDULE

Stud wall locations per Architecturals.

Wood-Framed Wall Wall Thickness per Arch.

Min. 2x4 D.F. Stud @ 16" o.c.

| HOLI | DOWN SCH | IEDULE | | |
|------|----------------------|-----------|---------------------------|----------|
| TYPE | HOLDOWN ¹ | MIN. POST | ANCHOR / EMBEDMENT | DETAILS |
| A | CS14 | (2) 2x | N/A | XX/S-3.2 |
| В | CMSTC16 | (2) 2x | N/A | XX/S-3.2 |
| С | CMST14 | 4x6 | N/A | XX/S-3.2 |
| D | CMST12 | 4x6 | N/A | XX/S-3.2 |
| | MSTC66B3 | (2) 2x | N/A | XX/S-3.2 |
| 1 | HDU4 | (2) 2x | SSTB24 / 21" Min. | XX/S-3.1 |
| 2 | HDU8 | 4x6 | SSTB28L / 25" Min. | XX/S-3.1 |
| 3 | HDU11 | 6x6 | SB1x30 / 24" Min. | XX/S-3.1 |
| 4 | HDU14 | 6x6 | SB1x30 / 24" Min. | XX/S-3.1 |
| 5 | HD19 | 6x6 | PAB10 x 36" / 30" Min. | XX/S-3.1 |

1. Shared holdowns to be installed per detail **10/S-1.1**, *Typical Shearwall*

| | | | SHE | SHEARWALL SCHEDULE | | | | | | | | | | |
|-----------|-----------------------|----------|------------------|---|---------------|---------------|----------------|------|-------|--------------------------|---------------------------|--|-----|------------------|
| HEDULE | | | | DESCRIPTION | | | | | _ING¹ | | TRANSFERS ² | | | |
| MIN. POST | ANCHOR / EMBEDMENT | DETAILS | NO. | MATERIALS | DBL. SIDED | SILL PLATE | PANEL B'DRY | SIZE | SPC'G | 5/8"Ø ³ AB | SDS ⁴ Screw | A35, LTP4, ^{5,6,7} or LTP5 | RBC | 16d ⁸ |
| (2) 2x | N/A | XX/S-3.2 | 6 | 15/32" CDX Plywood | Ν | 2x | 2x | 10d | 6" | 48" | 10" | 20" | 13" | 5" |
| , , | N/A | XX/S-3.2 | 4 | 15/32" CDX Plywood | Ν | 2x | 3x | 10d | 4" | 38" | 7" | 13" | 9" | 3" |
| (2) 2x | | | 3 | 15/32" CDX Plywood | N | 2x | 3x | 10d | 3" | 29" | 5" ⁹ | 10" | 7" | - |
| 4x6 | N/A | XX/S-3.2 | 2 | 15/32" CDX Plywood | N | 2x | 3x | 10d | 2" | 23" | 4" ⁹ | 8" | 5" | _ |
| 4x6 | N/A | XX/S-3.2 | 44/ | 15/32" CDX Plywood | Y | 3x | 3x | 10d | 4" | 24" | 3" ⁹ | 6" | _ | _ |
| (2) 2x | N/A | XX/S-3.2 | | , | - | | | | | | 2" ^{9,10} | | | |
| (2) 2x | SSTB24 / 21" Min. | XX/S-3.1 | 33/ FOOT | 15/32" CDX Plywood | Y | 3x | 3x | 10d | 3" | 18" | 2, | 5" | - | - |
| 4x6 | SSTB28L / 25" Min. | XX/S-3.1 | 1. All 2. All | FOOTNOTES: 1. All nails to be COMMONS. DO NOT use box type nails. All "field" nailing to be 12" oc, UNO. 2. All transfers to be installed into min. 1-1/2" thick members, UNO. Where clips are spaced less than 6" oc, stagger clips on each | | | | | | | | | | |
| 6x6 | SB1x30 / 24" Min. | XX/S-3.1 | 3. All | side of wall. 3. All shear walls to have 5/8" anchor bolts, embeded 7" into concrete foundations, with 3"x3"x0.229" thick plate washers, minimum. Washers may be slotted (slot length not to exceed 1-3/4") w/ standard cut washer placed between nut and plate washer. Washers shall extend within 1/2" of the edge of the bottom plate on the sheathed side. At walls sheathed on 2 sides. | | | | | | | | | | |

placed between nut and plate washer. Washers shall extend within 1/2" of the edge of the bottom plate on the sheathed side. At walls sheathed on 2 sides, plate washers shall be alternated to each side of plate. [Governing Bulding Code, Section 2308.3.2] [AF&PA SDPWS 4.3.6.4.3]

4. Simpson SDS 1/4"x4-1/2" Screws through 2x sill, or SDS 1/4"x6" Screws through 3x sill or double plates. Install into minimum 1-3/4" thick members (rim and/or blocking). [ICC ESR 2236]

5. See details for permitted transfer clip types and locations.

6. Orient LTP4 and LTP5 clips such that the long dimension is horizontal. 7. Where LTP4 clips are installed over shear wall sheathing, fasten with full length 8d common nails. 8. 16d common nails through the sill plate to rim member or blocking. 9. Install screws into 3-1/2" wide continuous member, staggered 1-1/2" apart.

10. Install screws into Glulams or solid sawn member. LSL, LVL, or PSL members are NOT acceptable, UNO.

ROOF FRAMING PLAN

Proj. Engr.: P. Aster Phone Ext.: 181

Proj. Mngr.: P. Belmont Phone Ext.: 158

Date: 11 July 2019 | Scale: 1/4"=1'-0"

A&V Job No.: 19409

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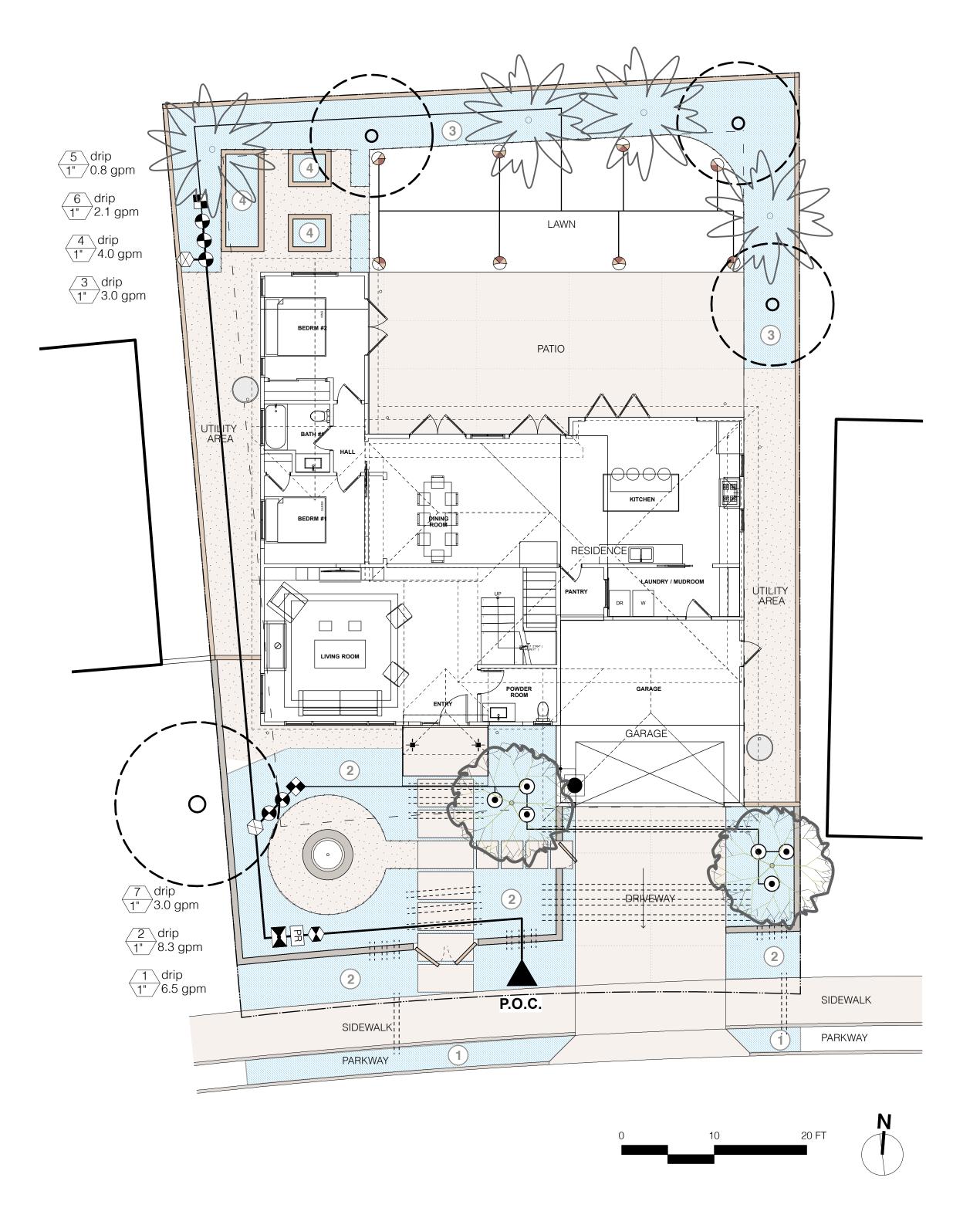
remain with Ashley & Vance Engineering, Inc. without prejudice. Visual contact with these plans and specifications shall constitute prima facie evidence of the acceptance of these restrictions.

del

emo(lar Ave , CA 9310

Del Mar 1211 De Santa Barba

DO NOT SCALE THESE DRAWINGS. Refer to Architectural plans for all dimensions.



Project Information

Total Landscaped Area (Proposed): 2,194 SF Landscape Area with Low Water Use Plants: 2,102 SF (95% of TLA) Landscape Area with Med Water Use Plants: 36 SF (2% of TLA) Landscape Area with High Water Use Plants: 56 SF (3% of TLA) **Total New Irrigated Area: 2,194 SF** Area Irrigated by Drip Irrigation (2 GPH or less): 1,634 SF (75%) Area Irrigated by Other Irrigation: 560 SF (25%) **Project Type: residential**

Irrigation Legend

Water Supply Type: potable

| | • | |
|--------------|-----------------------------------|---|
| symbol | description | manufacturer / model |
| | irrigation mainline | 1" Sch. 40 PVC |
| | irrigation lateral | see Lateral Sizing |
| | irrigation sleeve | see Irrigation Notes |
| P.O.C. | | |
| | point of connection | location at (E) water meter |
| | irrigation controller | HUNTER IC-600-SS w/ (1) HUNTER ICM-600 modules and a HUNTER Wireless Rain-clik Rain Sensor WR-CLICK-TR. |
| | | Install per MFR specifications. Rain Sensor to be installed to automatically shutoff when onsite rainfall exceeds 1/4 inch. Install per MFR specifications. |
| | backflow preventer | 3/4" FEBCO 825Y or approved equal |
| PR | pressure regulator | HONEYWELL D06-G with gauge (70 psi) |
| | spray valve | WEATHERMATIC 11024FCR (65 psi) |
| lacktriangle | drip valve | WEATHERMATIC 11024FCR w/ pressure regulating Y-Filter (30 psi) |
| \bigotimes | hose bib | 3/4" brass hose bibb |
| \T > | manual shut-off valve | PVC ball valve, size to match mainline |
| X | drip irrigation zones | HUNTER 1/2" Supply Tubing w/ HUNTER Point Source Emitters, see Emitter Legend |
| | rotary spray head, 90-210 degrees | HUNTER Pro-Spray PROS-06-PRS40-VC w/ MP Rotator MP1000-90 nozzles (40 psi) |
| \odot | root watering system | HUNTER RZWS (65 psi), see Emitter Legend for size and model |
| Valve Ide | ntification | |

Hydrozone Legend

valve number ______ valve type

| -1 -1 | documents. | | .1 | |
|------------|---------------|--------|------------|------------|
| valve/zone | description | area | plant type | exposure |
| 1 | Parkway | 107 SF | L | Full Sun |
| 2 | Front Yard | 799 SF | L | Full Sun |
| 3 | Backyard | 604 SF | L | Part Shade |
| 4 | Veggie Garden | 56 SF | Н | Part Shade |
| 5 | Lawn | 560 SF | L | Full Sun |
| 6 | Palm Trees | 36 SF | М | Full Sun |
| 7 | Trees | 32 SF | L | Full Sun |

Emitter Legend

| plant material | equipment |
|--|---|
| flatted groundcover 4" pot 1 gallon 5 gallon shrubs 15 gallon shrubs | Microspray Emitters 2 - HE-20-B Emitters per plant 2 - HE-20-B Emitters per plant 3 - HE-20-B Emitters per plant 4 - HE-20-B Emitters per plant |
| 15 gallon trees 24" box trees 36" box trees 48" box trees and above | 2 - RZWS-18-50-CV per tree 2 - RZWS-18-50-CV per tree 3 - RZWS-36-50-CV per tree (Consult with a Local Arborist) |
| 15 gallon palms 24" box palms 36" box palms 48" box palms and above | 6 - HE-20-B Emitters per plant 6 - HE-20-B Emitters per plant 8 - HE-20-B Emitters per plant (Consult with a Local Arborist) |
| 15 gallon cirtus 24" box citrus 36" box citrus | 2 - Solo-Drip SD-B-STK micro spray per tree2 - Solo-Drip SD-B-STK micro spray per tree3 - Solo-Drip SD-B-STK micro spray per tree |

Mainline Sizing

| 0-4 gpm | 1/2" | schedule 40 |
|------------|--------|-------------|
| 4-8 gpm | 3/4" | schedule 40 |
| 8-12 gpm | 1" | schedule 40 |
| 12-22 gpm | 1 1/4" | schedule 40 |
| 22-30 gpm | 1 1/2" | schedule 40 |
| 30-50 gpm | 2" | class 315 |
| 50-70 gpm | 2 1/2" | class 315 |
| 70-120 gpm | 3" | class 315 |

Lateral Line Sizing

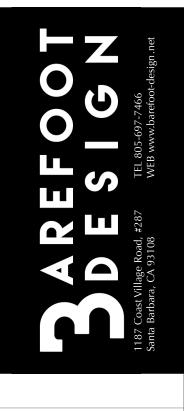
| 0-6 gpm | 1/2" | class 315 |
|------------|--------|-----------|
| 6-10 gpm | 3/4" | class 200 |
| 10-16 gpm | 1" | class 200 |
| 16-26 gpm | 1 1/4" | class 200 |
| 26-35 gpm | 1 1/2" | class 200 |
| 35-55 gpm | 2" | class 200 |
| 55-80 gpm | 2 1/2" | class 200 |
| 80-120 gpm | 3" | class 200 |

Landscape Compliance Statement

| No turf in parkways, medians or other areas with dimension <8 feet | L2.00 |
|---|--------------------------|
| No turf on >20% slope | L2.00 |
| For residential, mixed use, and institutional projects, 80% or > of landscape area water wise plants For commercial, 100% of landscape area water wise plants | L <u>1.00/L2.00</u> |
| For residential, <20% of area in turf or high water using plants | n/a |
| Three inches of mulch specified as required | L1.00 |
| Areas of sprinkler coverage avoids overspray and run-off including optimum distribution uniformity, head to head spacing and setbacks from walkways and pavement. | L1.00 |
| Sprinklers have matched precipitation rates within each valve and circuit. | L1.00 |
| Valves separated for individual hydrozones based on plant water needs and sun/shade requirements. | L1.00 |
| Weather based irrigation controller with a rain shutoff sensor for the entire irrigation system if including an automatic irrigation system | L1.00 |
| Areas less than 8' wide irrigated only with bubblers, rotating nozzles on pop-up bodies, sub-surface, or drip irrigation | L1.00 |
| Drip/low volume irrigation system on >25% of landscaped area | L1.00 |
| Check valves at low end of irrigation lines to prevent unwanted draining of irrigation lines | L1.00 |
| Pressure regulators, unless the Public Works Director determination one is not necessary | L1.00 |
| Grading encourages water retention and infiltration by preserving open space and creating depressed areas/swales | Refer to Grading Plan |
| Grading mimics natural, pre-development hydrologic flow paths and maintains and/or increases the width of flow paths in order to decrease flow rates | Refer to Grading Plan |

| I state that I am familiar with the Landscape Design Standards for Water Conservation as most recently adopted by the Santa Barbara City Council and that the landscape design for this project complies with those standards. It is my understanding that verification of compliance will be necessary upon final building inspection. I shall inspect the completed installation and will submit in writing that the installation substantially conforms to the approved plans. | Sta add land star con insp will | ndards for Wate peted by the Sar dscape design fodards. It is my appliance will be pection. I shall in submit in writing | r Conservation nta Barbara Cit for this project of understanding necessary upon nspect the come of that the instal | as most recently Council and the complies with the that verification on final building appleted installation | / at the ose of on and |
|---|---|--|--|--|------------------------------------|
|---|---|--|--|--|------------------------------------|

| signature | name |
|-----------|-----------|
| Lic. # | Exp. Date |



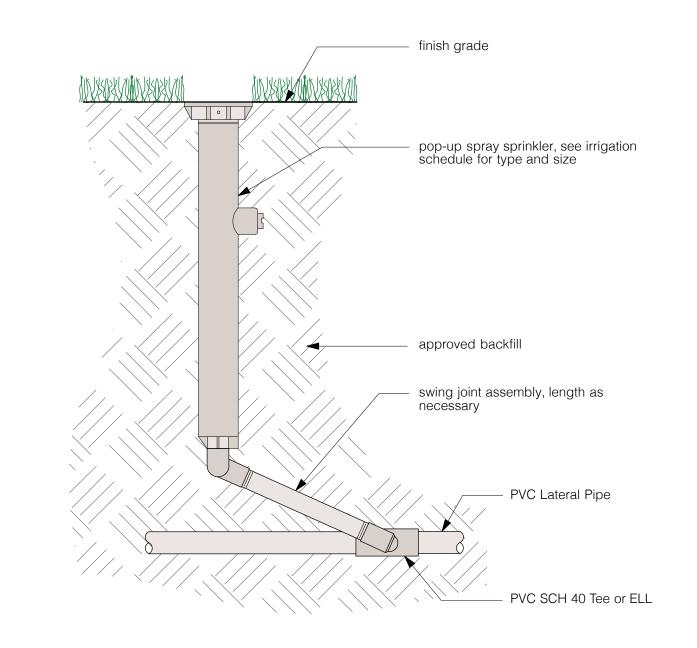
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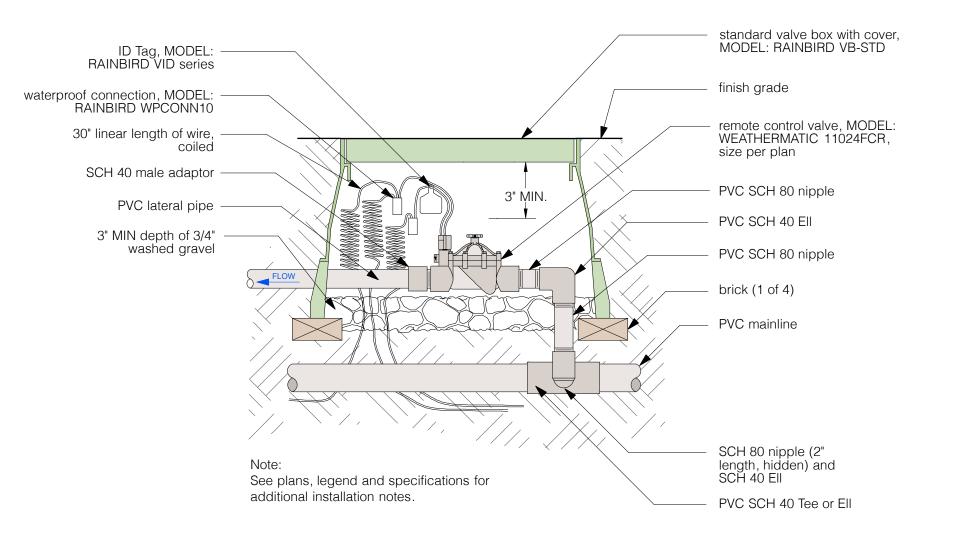
10/22/19 scale 1" = 10'-0"

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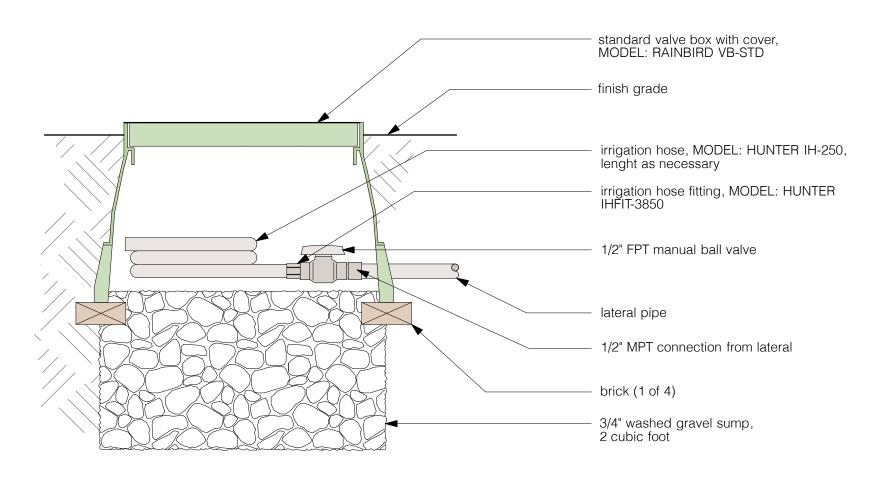
L1.00



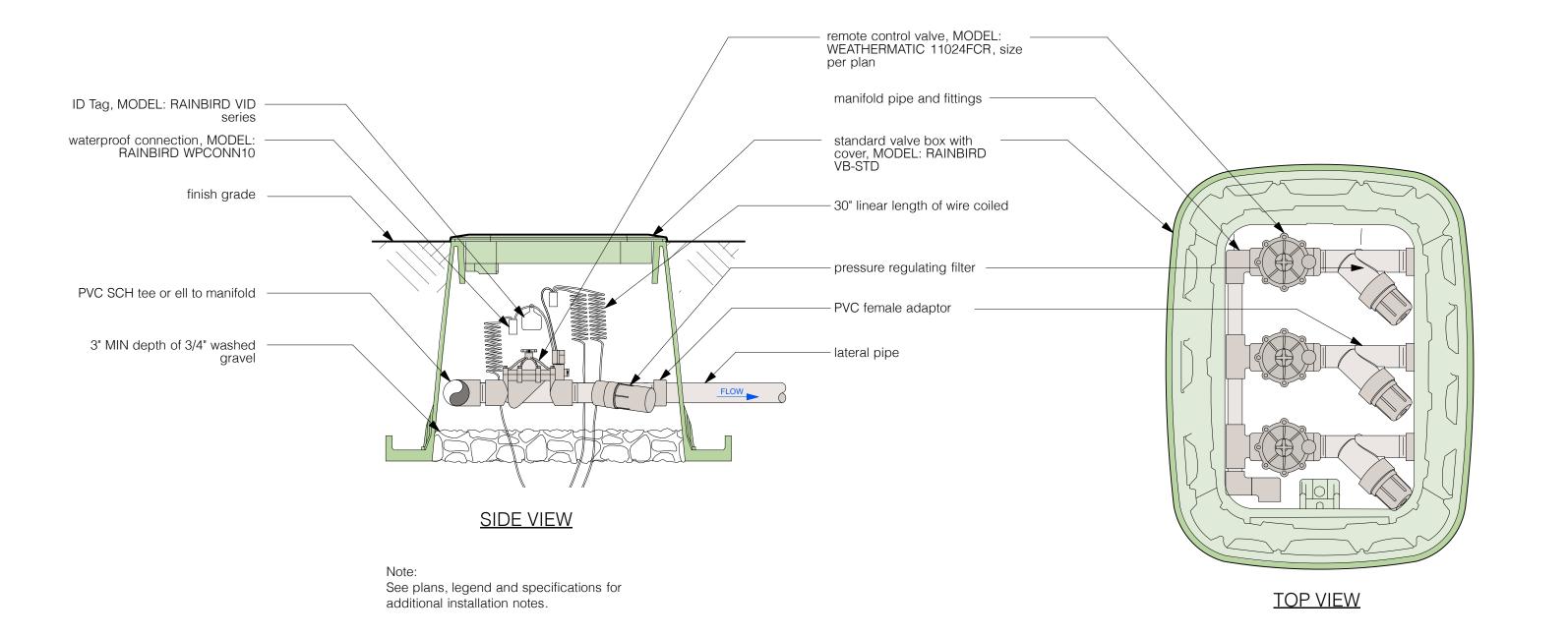
6 Spray Head scale: N.T.S.



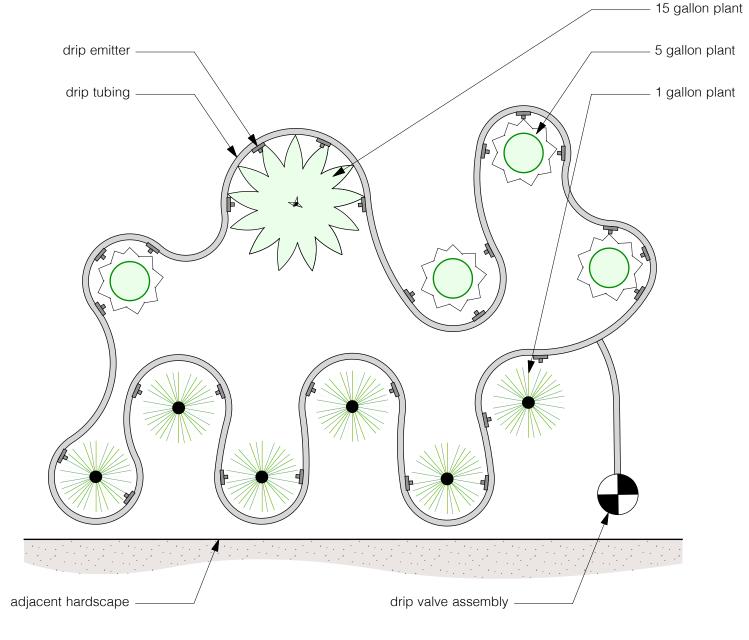
7 Spray Valve Assembly scale: N.T.S.



Manual Flush Valve scale: N.T.S.



scale: N.T.S.



Notes:
1. Refer to Emitter Legend for emitter size and quantity.
2. Refer to Irrigation Legend for material specifications.

3 Drip Tubing and Emitter Layout

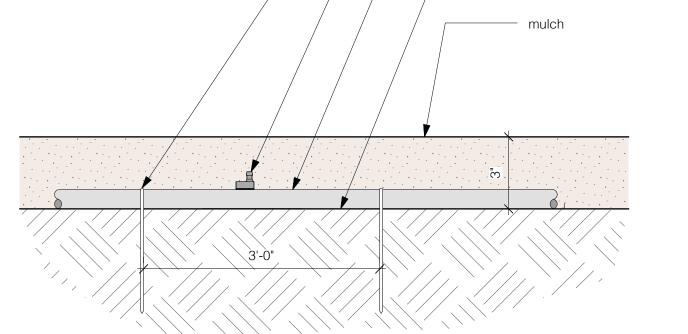
wire stakes, 3'-0" MAX spacing

emitter, MODEL: HUNTER Point
Source Drip Emitter, see irrigation
legend for model

distribution tubing, MODEL: HUNTER
TWPE-700, see irrigation legend for
product specifications

finish grade

scale: N.T.S.



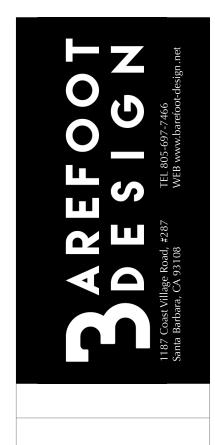
2 Drip Irrigation scale: N.T.S.

clean compacted backfill
finish grade

control wire in schedule 40 conduit, tape to mainline @ 4' O.C.

undisturbed soil

Pipe & Wire Installation
scale: N.T.S.



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PROJECT:

SHEET CONTENTS

Irrigation Details

SCALE as noted

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2 OF 5 SHEETS

Drip Valve Assembly

Irrigation Notes

1. This system is diagrammatic. All pipes, valves, etc. shown within paved areas are for design clarification only and shall be installed in planting areas wherever possible.

2. Do not willfully install the sprinkler system as indicated on the drawings when it is obvious in the field that obstructions or grade differences exist and should be brought to the attention of the owner's authorized representative. In the event that this notification is not performed, the contractor must assume full responsibility for all revisions necessary.

3. Irrigation system is designed assuming a static water pressure of approximately 70 PSI at point-of-connection. Prior to installation of irrigation system, contractor shall verify pressure at point-of-connection.

4. It is the intent of this plan to provide adequate irrigation to all planting areas, prevent run-off, low head drainage, overspray, or other similar conditions where irrigation water flows onto non-targeted areas in accordance with MWELO sections 492.7(a)(1)(I) and 492.7(a)(1)(U)

Contractor shall be responsible for making any and all adjustments to the irrigation system necessary to ensure 100% irrigation coverage of all planting areas and MWELO compliance.

5. Emitter shall be located on grade and staked a maximum of six inches from the center of plant, or edge of rootball, whichever is greater.

6. All piping installed under pathways or paved areas, through walls or footings shall be placed inside class 315 PVC sleeves of adequate size to allow free movement of the pipe and any couplings in the sleeve.

7. Irrigation lines shall be buried at the following minimum depths: PVC pressure mainline:18" PVC lateral line:12"

8. Irrigation Contractor shall adjust flow control for proper performance and valve longevity.

9. Pressure regulating devices shall be installed where necessary to ensure the dynamic pressure at each emission device is within manufacturer's recommended pressure range for optimal performance.

10. Flush valves shall be installed at the ends of all polyethylene drip tubing in round valve boxes with gravel fill.

11. Check valves shall be installed at low points on irrigation line to prevent leakage. 12. All planting areas shall be provided with a 3" thickness of mulch, samples to be provided to owner's representative.

13. No lawn or landscape irrigation with potable water allowed apart from the hours of 8:00PM and 8:00AM. Except for hand held hose equipment with a positive shut-off

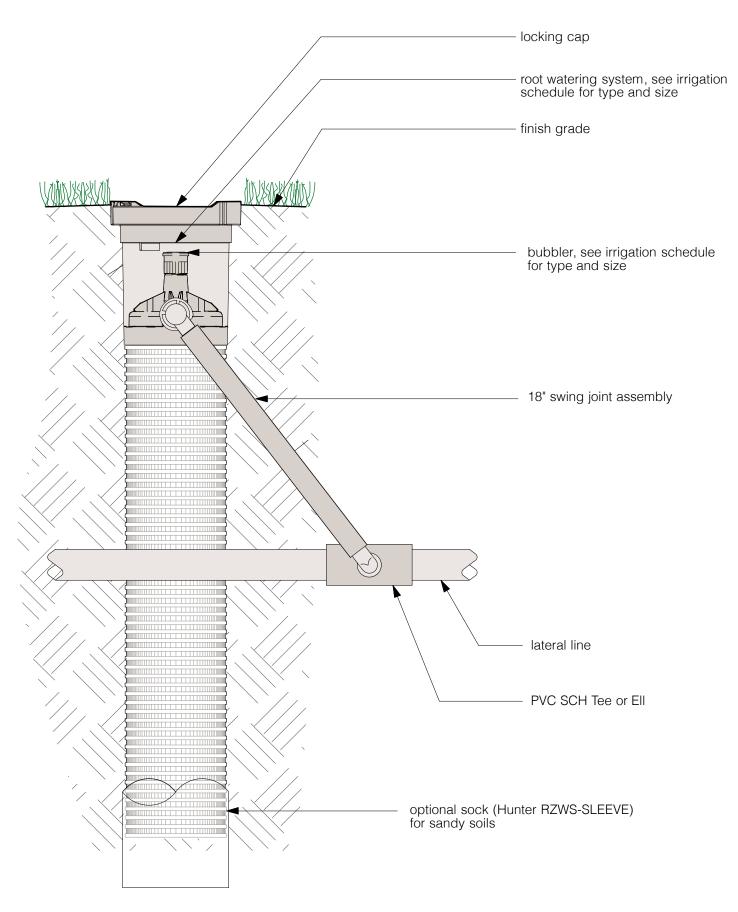
14. Irrigation water shall not run off landscaped areas to adjacent property, adjoining streets, sidewalks, or other paved areas due to incorrectly directed or maintained sprinklers or excessive watering.

15. All irrigation emission devices will meet the criteria set forth by MWELO section 492.7(a)(1)(M) and shall be installed per manufacturer's recommendations.

16. A manual indicating layout of irrigation system and manufacturer instructions for all equipment and procedures shall be provided to the owner at completion of project. 17. Certifcate of Completion in accordance with MWELO Section 492.9 will be

submitted for review/approval by the Building and Safety Division prior to final occupancy.

18. Landscape Constractor shall clean up on a daily basis per Owner's representative's approval.



1. 3" Grate is also available in purple (RZWS-RCCAP).

2. Install product so that the grate is even with finish grade or top of mulch.

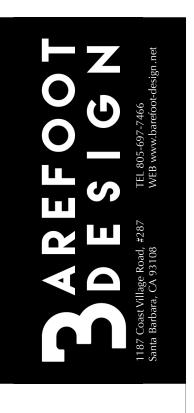
5. Once RZWS has been installed fill the basket with pea gravel before locking lid.

3. Optional sand sock (RZWS-SLEEVE) to cover mesh basket area. 4. When installing in extremely hard or clay soils, add 3/4" gravel under and around the

unit to allow faster water infiltration and root penetration.

Root Watering System

scale: N.T.S.



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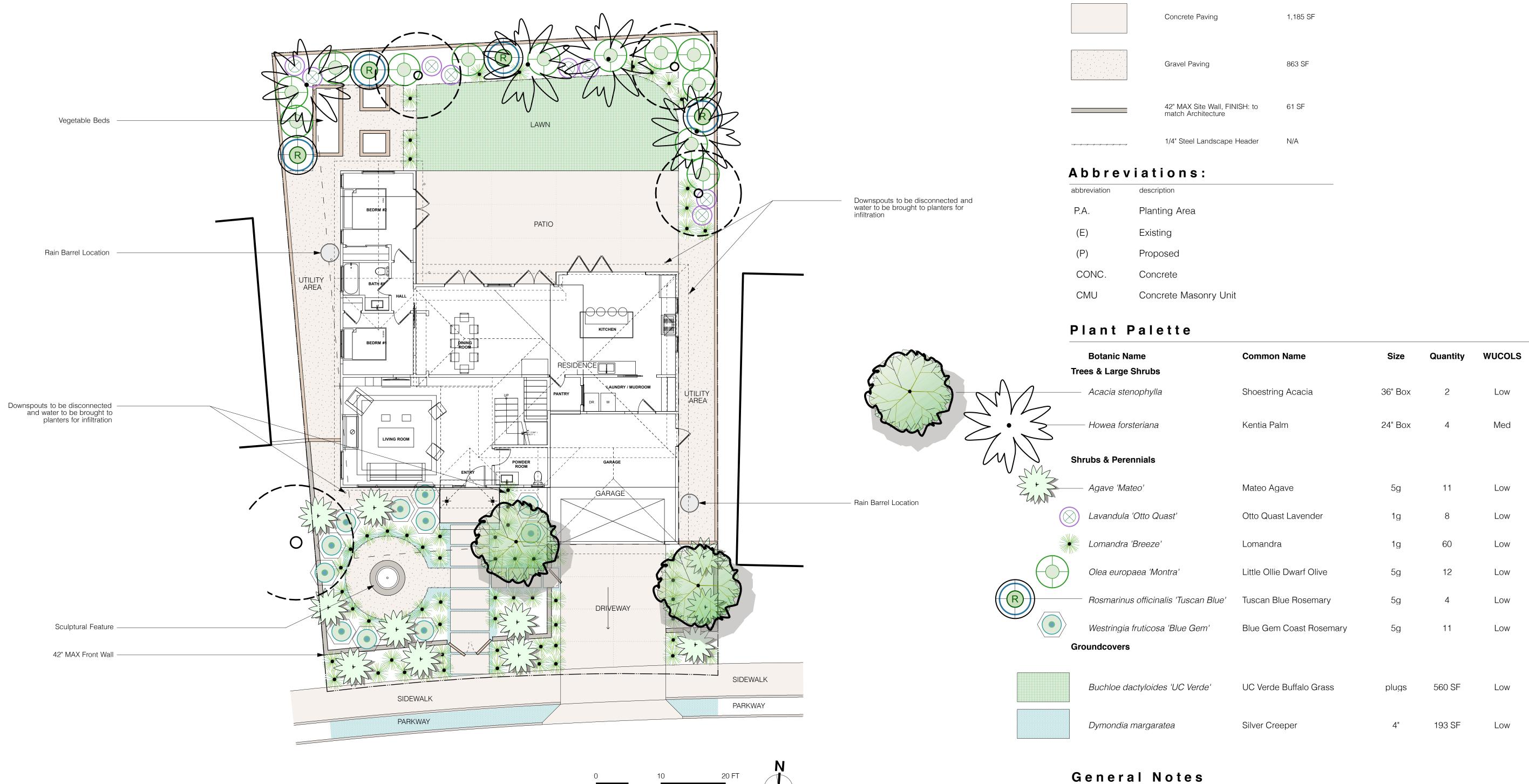
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Hardscape Legend

Refer to Architectural and Civil Engineer drawings for hardscape, walls and downspout locations.
 Refer to Civil Engineer for all grading and drainage.

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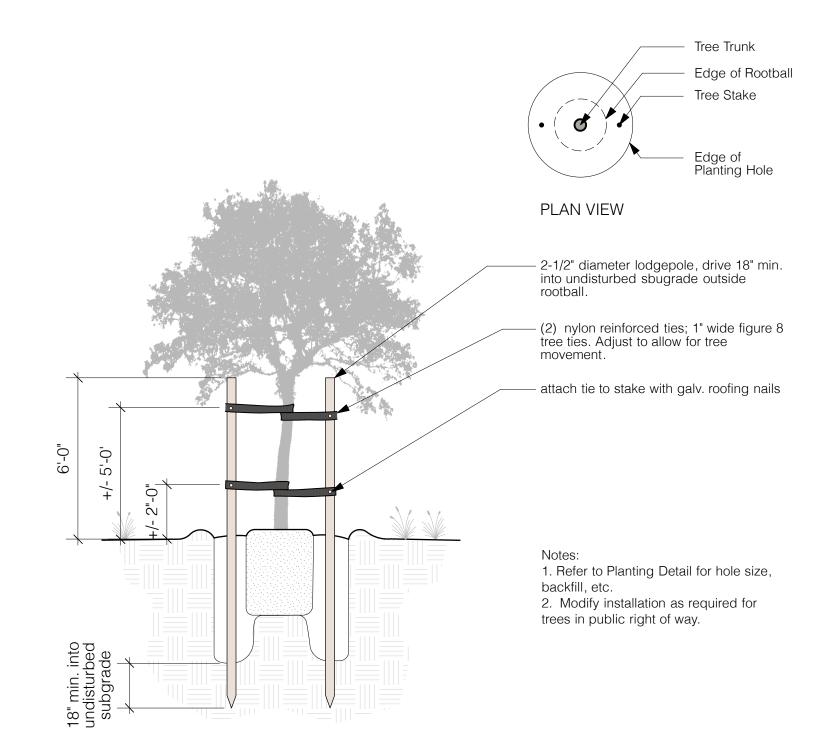
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10/22/19

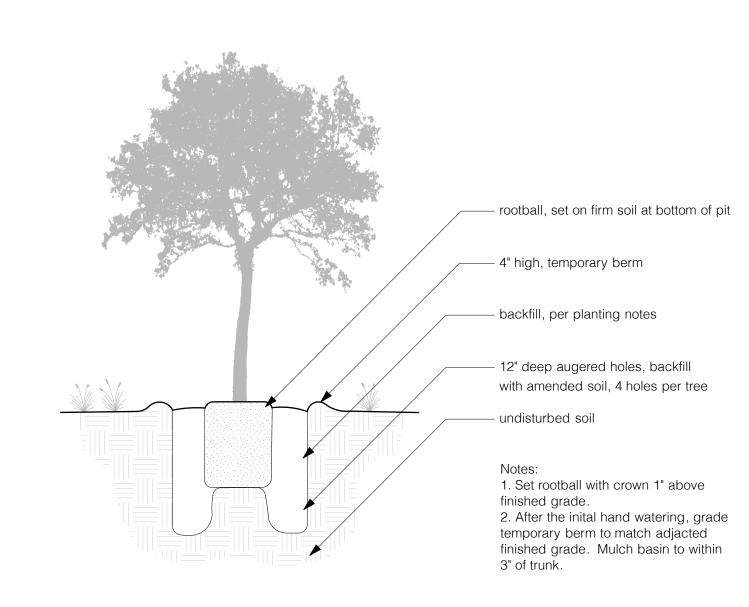
scale 1" = 10'-0"

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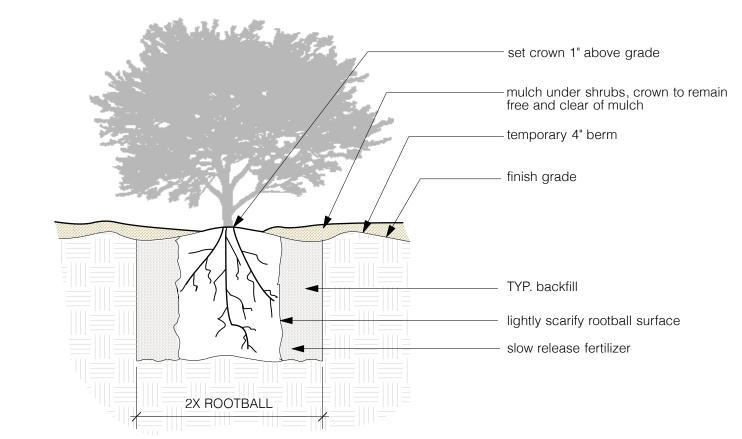
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Tree Staking scale: N.T.S.

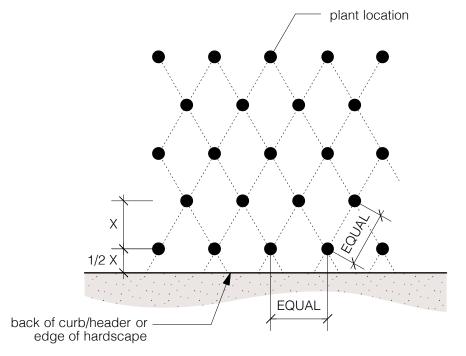


scale: N.T.S.



Shrub Planting

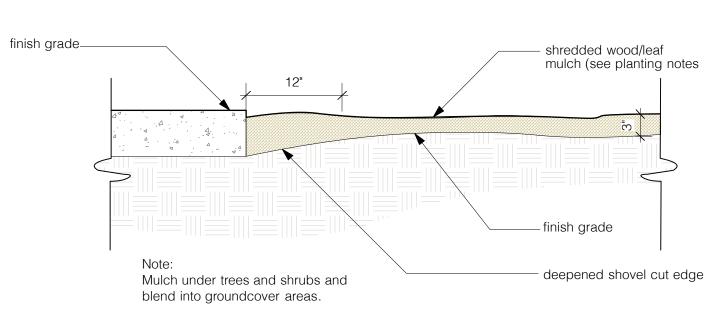
scale: N.T.S.



All shrubs and groundcovers to be planted at equal spacing (triangular) unless otherwise indicated on plans.

Groundcover Layout

scale: N.T.S.



Mulch Installation

scale: N.T.S.

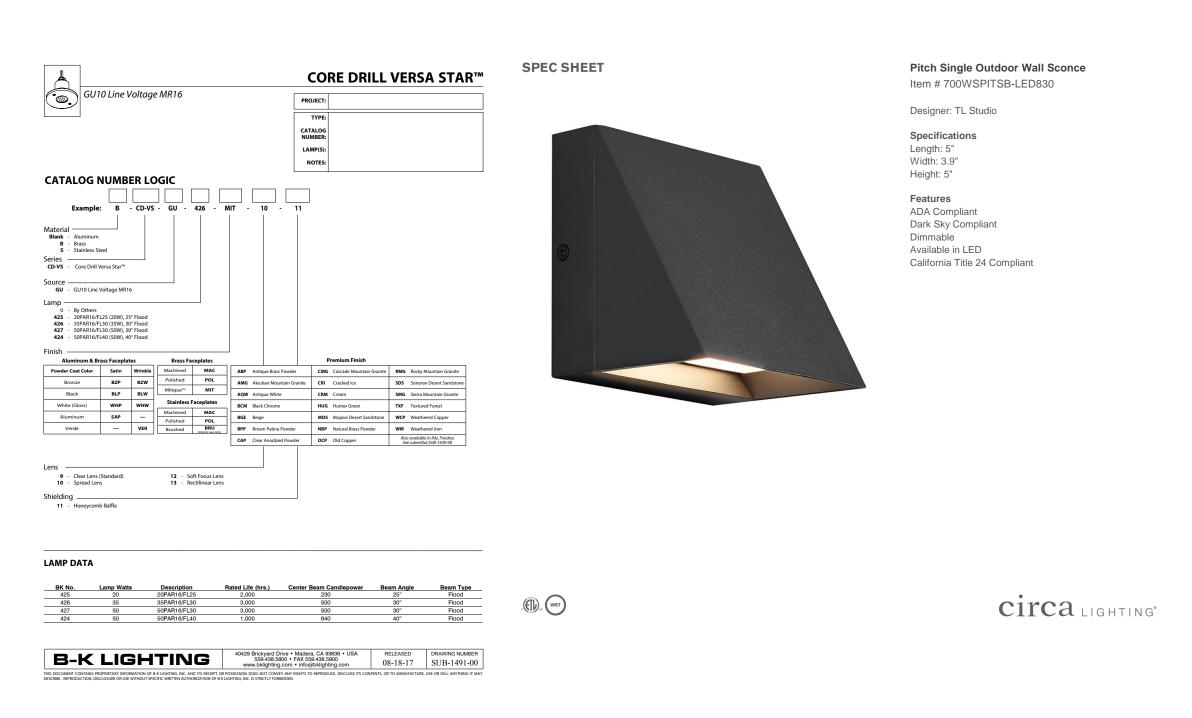
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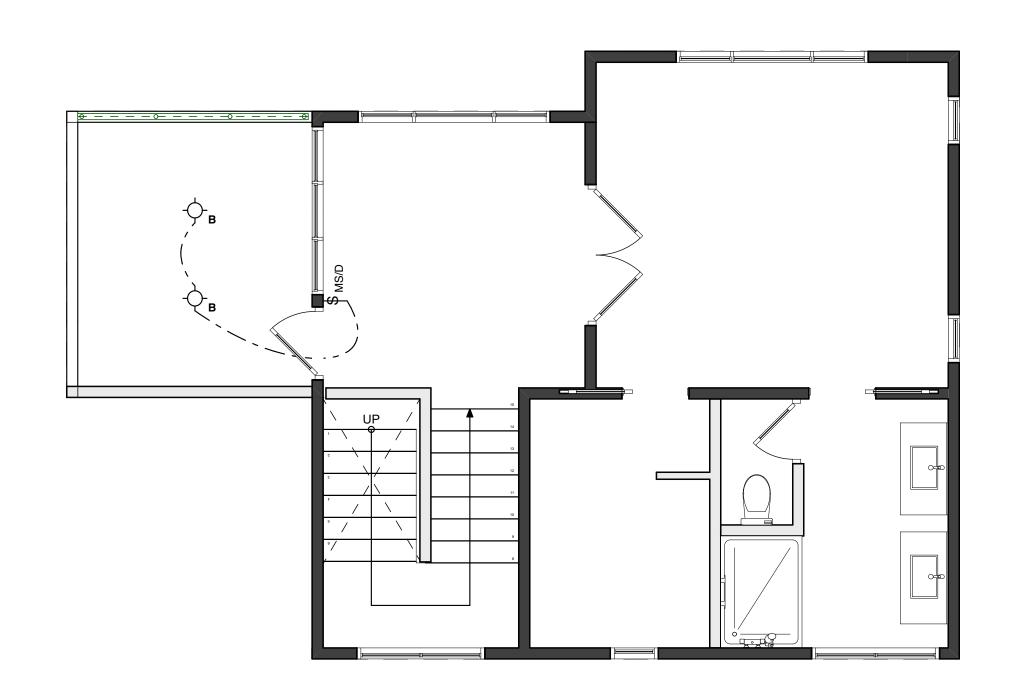
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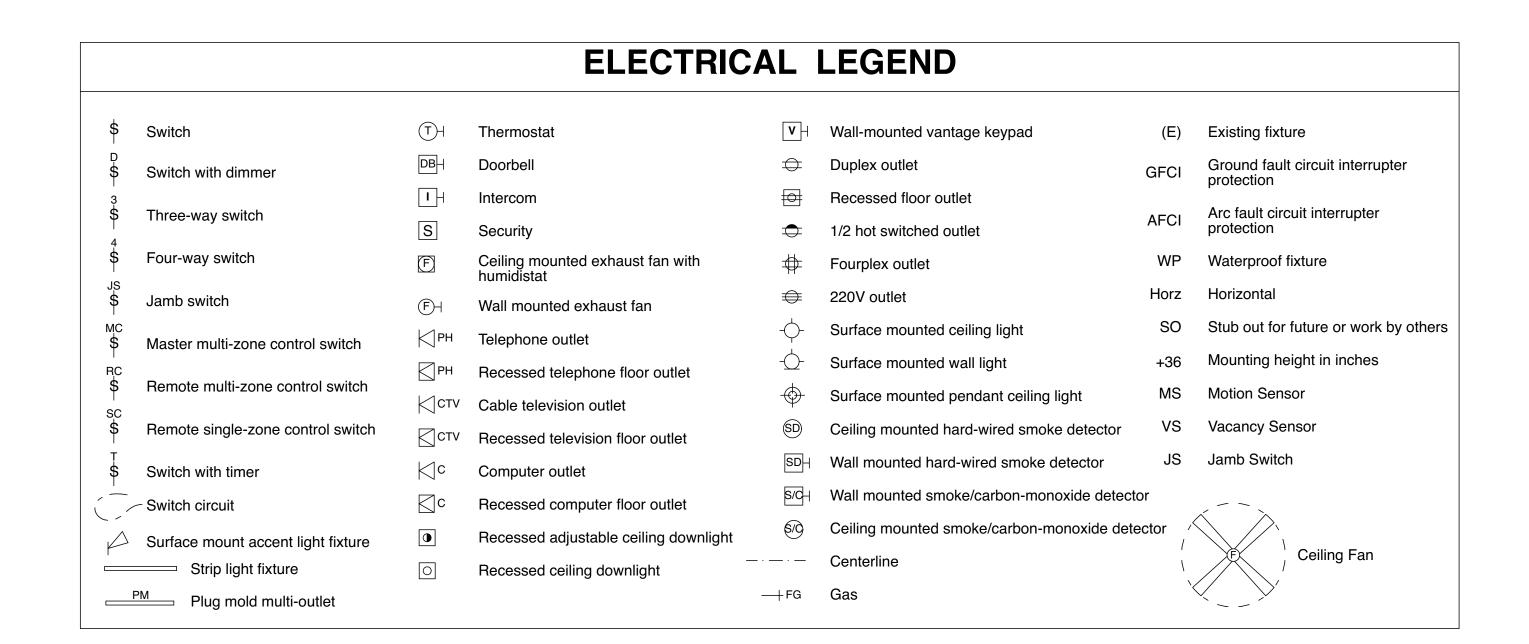
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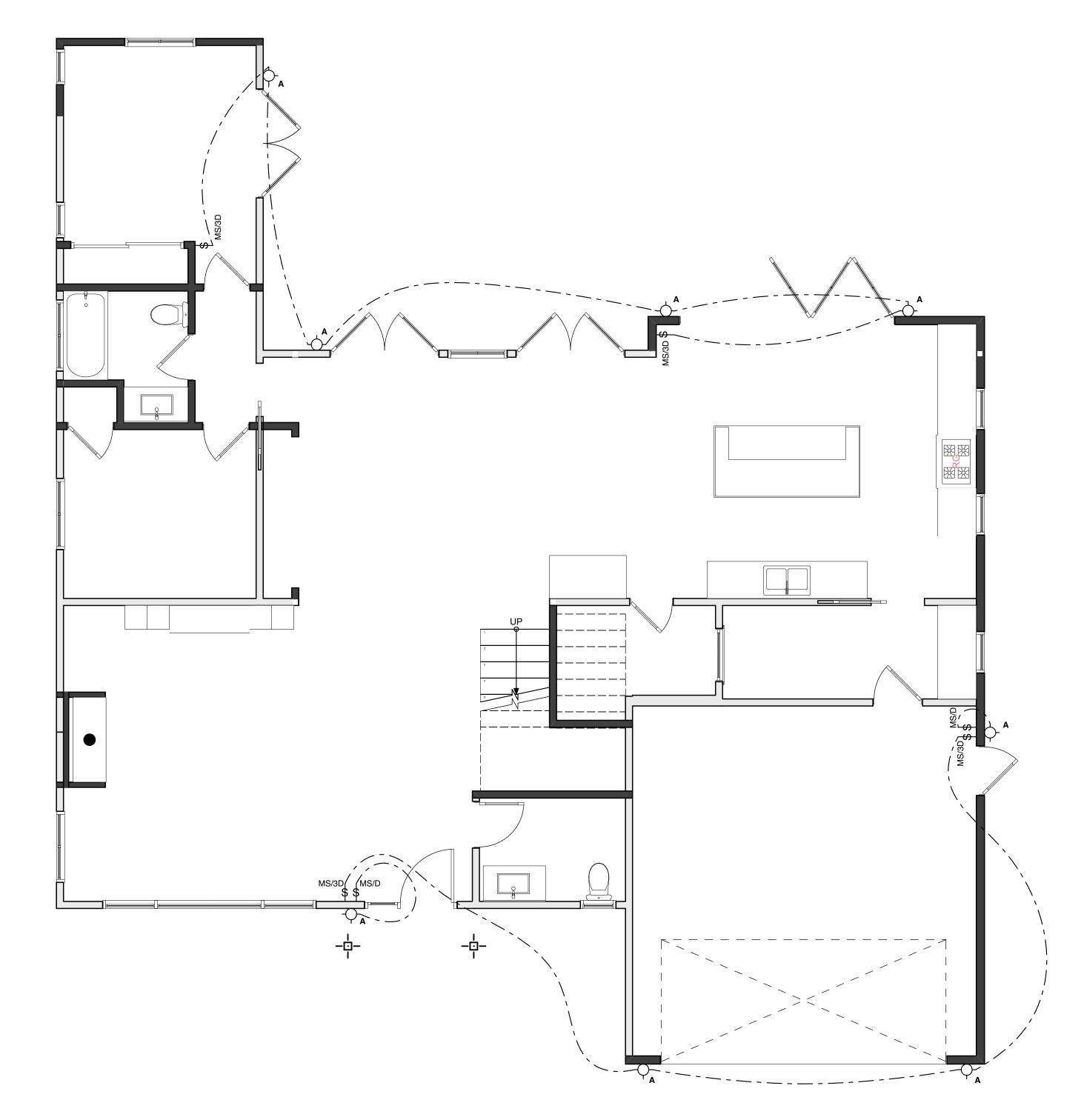
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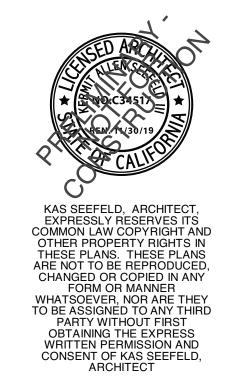
LIGHTING B LIGHTING A







ARCHITECT



REMODEL

ELMAR REI

ISSUED:

2018-12-21 SFDRB Concept Sub.

2019-04-11 SFDRB Concept reSub

2019-07-22 Planning Review

2019-10-24 SFDRB Design & Final Sub.

PRINTED 10/23/19

JOB NUMBER: 180

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